LBT-LX5/LX6/LX30/LX50

SERVICE MANUAL

US Model
LBT-LX30/LX50
Canadian Model
LBT-LX50
AEP Model
UK Model
LBT-LX5
E Model
Australian Model
LBT-LX6

- LBT-LX5/LX6/LX30/LX50 is composed following models.
  As for the service manual, it is issued for each component model, then, please refer to it.

COMPONENT MODEL NAME FOR LBT-LX5/LX6/LX30/LX50

	LBT-LX5	LBT-LX6	LBT-LX30	LBT-LX50
COMPACT DISC DECK RECEIVER SYSTEM	HCD-LX5	HCD-LX6	HCD-LX30	HCD-LX50
SPEAKER SYSTEM	SS-LX5	SS-LX6		

PARTS LIST

Ref No.	Description	Remark
	ACCESSORIES & PACKING MATERIALS **********	
1-475-572-41	COMMANDER, STANDARD (RM-SR5B)	
1-501-374-11	ANTENNA, LOOP (AM)	
1-501-804-11	ANTENNA (FM)	
1-775-512-21	CORD, SPEAKER CONNECTION (FOR SPEAKER)	
4-210-254-01	CUSHION (FOOT)(FOR SPEAKER)	
4-227-074-12	MANUAL, INSTRUCTION (ENGLISH)	
4-227-074-21	MANUAL, INSTRUCTION (FRENCH)(CND, EA)	
4-227-074-31	MANUAL, INSTRUCTION (SPANISH)(MX, AR)	
4-227-074-41	MANUAL, INSTRUCTION (FRENCH, SPANISH)(AEP, E, MY, SP)	
4-227-074-51	MANUAL, INSTRUCTION (GERMAN, DUTCH, SWEDISH)(AEP)	
4-227-074-61	MANUAL, INSTRUCTION (ITALIAN, PORTUGUESE)(AEP)	
4-227-074-71	MANUAL, INSTRUCTION (POLISH, RUSSIAN)(CIS)	
4-227-074-81	MANUAL, INSTRUCTION (ARABIC)(EA)	
4-227-074-91	MANUAL, INSTRUCTION (CHINESE)(MY, SP)	
4-227-075-11	MANUAL, INSTRUCTION (CZECH)(CIS)	
4-227-075-21	MANUAL, INSTRUCTION (HUNGARIAN)(CIS)	
4-227-075-31	MANUAL, INSTRUCTION (GREEK)(CIS)	
4-227-075-41	MANUAL, INSTRUCTION (TURKISH)(CIS)	
4-228-574-11	MANUAL, INSTRUCTION (ENGLISH, FRENCH, GERMAN, SPANISH, DUTCH, SWEDISH, ITALIAN, PORTUGUESE, POLISH, RUSSIAN, DANISH, FINNISH, HUNGARIAN, CZECH, GREEK, TURKISH) (SS-LX5)	
4-991-151-31	COVER, BATTERY (FOR RM-SR5B)	

- Abbreviation

  AR : Argentine
  EA : Saudi Arabia
  MY : Malaysia
  SP : Singapore

COMPACT Hi-Fi STEREO SYSTEM

SONY®

MICROFILM

9-929-066-11

Sony Corporation
Home Audio Division Company

2000A001685-1
Printed in Japan ©2000.1
Published by Quality Assurance Dept.

HCD-LX5/LX6/LX30/LX50

SERVICE MANUAL

Photo: HCD-LX50

US Model
HCD-LX30/LX50
Canadian Model
HCD-LX50
AEP Model
UK Model
HCD-LX5
E Model
Australian Model
HCD-LX6

HCD-LX5/LX6/LX30/LX50 are the Amplifier, CD player, Tape Deck and Tuner section in LBT-LX5/LX6/LX30/LX50.

Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation. "DOLBY" and the double-D symbol ⧈ are trademarks of Dolby Laboratories Licensing Corporation.

CD Section	Model Name Using Similar Mechanism	HCD-D290/G3300/XB3
	CD Mechanism Type	CDM37M-5BD32L
	Base Unit Name	BU-5BD32L
	Optical Pick-up Name	KSS-213D/Q-NP
TAPE Section	Model Name Using Similar Mechanism	HCD-DR4
	Tape Transport Mechanism Type	TCM-230PWR1

SPECIFICATIONS

For the U.S. model

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:

With 6 ohm loads, both channels driven, from 120 - 10,000 Hz; rated 140 watts per channel minimum RMS power, with no more than 10% total harmonic distortion.

Amplifier section

(LX50 (Canadian model only))
Continuous RMS power output (Reference)
160 + 160 watts
(6 ohms at 1 kHz, 10 % THD)
Total harmonics distortion
Less than 0.07 %
(6 ohms at 1 kHz, 70 w)

(LX6)
The following measured at AC 120/220/240 V, 50 Hz
DIN power output (Rated)
150 + 150 watts
(6 ohms at 1 kHz, DIN)
Continuous RMS power output (Reference)
200 + 200 watts
(6 ohms at 1 kHz, 10 % THD)

(LX5)
DIN power output (Rated)
110 + 110 watts
(6 ohms at 1kHz, DIN)
Continuous RMS power output (Reference)
140 + 140 watts
(6 ohms at 1kHz, 10 % THD)
Music power output (Reference)
240 + 240 watts
(6 ohms at 1 kHz, 10 % THD)

Inputs
DJ MIX IN *(phono jacks): sensitivity 250 mV, impedance 47 kilohms
GUITAR IN (phone jack): sensitivity 75 mV, impedance 470 kilohms
PHONO IN (phono jacks): sensitivity 3 mV, impedance 47 kilohms
MIX MIC (phono jack): sensitivity 1 mV, impedance 10 kilohms
VIDEO 1 IN (phono jacks): sensitivity 250 mV, impedance 47 kilohms
VIDEO 2 IN (phono jacks): sensitivity 250 mV, impedance 47 kilohms
MD IN (phono jacks): sensitivity 450 mV, impedance 47 kilohms

– Continued on next page –

COMPACT Hi-Fi STEREO SYSTEM

SONY®

Outputs
DJ MIX OUT *(phono jacks): sensitivity 250 mV, impedance 1 kilohms
PHONES (stereo phone jack): accepts headphones of 8 ohms or more
VIDEO OUT (phono jack): voltage 250 mV, impedance 1 kilohm
MD OUT (phono jacks): voltage 250 mV, impedance 1 kilohm

FRONT SPEAKER :
(LX6/LX50) accepts impedance of 6 to 16 ohms
(LX5) accepts impedance of 8 to 16 ohms

SURROUND SPEAKER (LX50 only): accepts impedance of 16 ohms

* European, North American, and Mexican models only.

CD player section

System	Compact disc and digital audio system
Laser	Semiconductor laser (λ = 780 ohm), Emission duration : continuous
Laser output	Max. 44.6 μW* * This output is the value measured at a distance of 200 mm from the objective lens surface on the Optical Pick-up Block with 7 mm aperture.
Wavelength	780 - 790 nm
Frequency Response	2 Hz - 20 kHz (±0.5 dB)
Signal-to-noise ratio	More than 90 dB
Dynamic range	More than 90 dB

CD DIGITAL OUT
(square optical connector jack, rear panel)

Wave length:	600 nm
Output level:	–18 dBm

Tape player section

Recording system	4-track 2-channel stereo
Frequency Response (DOLBY NR OFF)	40 - 13,000 Hz (±3 dB), using a Sony TYPE I cassette 40 - 14,000 Hz (±3 dB), using a Sony TYPE II cassette

Tuner section

FM Stereo, FM/AM superheterodyne tuner

FM tuner section

Tuning range	
North American models:	87.5 - 108.0 MHz (100 kHz step)
Other models:	87.5 - 108.0 MHz (50kHz step)
Antenna:	FM Wire antenna
Antenna terminals	75 ohm unbalanced
Intermediate frequency	10.7 MHz

AM tuner section

Tuning range	
Pan-American models:	530 - 1,710 kHz (with the tuning interval set at 10 kHz) 531 - 1,710 kHz (with the tuning interval set at 9 kHz)
European and Middle Eastern models:	531 - 1,602 kHz(with the tuning interval set at 9 kHz)
Other models:	531 - 1,602 kHz (with the tuning interval set at 9 kHz) 530 - 1,710 kHz (with the tuning interval set at 10 kHz)
Antenna	AM loop antenna, External antenna terminals
Intermediate frequency	450 kHz

General

Power Requirements	
North American models:	120 V AC, 60 Hz
European models:	230 V AC, 50/60 Hz
Mexican model:	120 V AC, 50/60 Hz
Australian model:	230 - 240 V AC, 50/60 Hz
Other models:	120 V, 220 V, or 230 - 240 V AC, 50/60 Hz Adjustable with voltage selector
Power Consumption	
U.S.A models:	
(LX50/LX30)	270 watts
Canadian model:	
(LX50)	390 VA
European models:	
(LX5)	220 watts
Other models:	
(LX6)	180 watts
Dimensions(w/h/d)	Approx. 356 x 423 x 446 incl. projecting parts and controls
Mass	
(LX50/LX30)	Approx. 13.5 kg
(LX5)	Approx. 13.5 kg
(LX6)	Approx. 14.8 kg
Supplied Accessories	AM loop antenna (1) FM wire antenna (1) Speaker cords (2) Remote (1) R6(size AA) batteries (2)

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

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SECTION 1
SERVICING NOTES

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety check before releasing the set to the customer:
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage.
Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes.). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

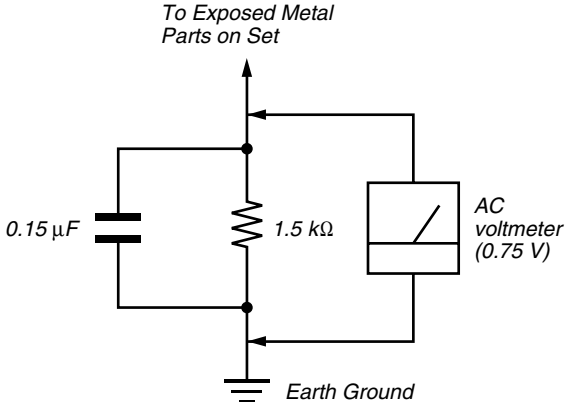


Fig. A. Using an AC voltmeter to check AC leakage.

SECTION 2
GENERAL

This appliance is classified as a CLASS 1 LASER product. The CLASS 1 LASER PRODUCT MARKING is located on the rear exterior.

CLASS 1 LASER PRODUCT
LUOKAN 1 LASERLAITE
KLASS 1 LASERAPPARAT

Laser component in this product is capable of emitting radiation exceeding the limit for Class 1.

The following caution label is located inside the unit.

CAUTION : INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO BEAM.
ADVARSEL : USYNLIG LASERSTRÅLING VED ÅBNING NÅR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION. UNDGÅ UDSAETTELSE FOR STRÅLING.
VORSICHT : UNSICHTBARE LASERSTRAHLUNG. WENN ABDECKUNG GEÖFFNET UND SICHEREITSVERRIEGELUNG ÜBERBRÜCKT. NICHT DEM STRAHL AUSSETZEN.
VARO! : AVATTAESSA JA SUOJALUKITUS OHITETTAESSA OLET ALTTIINA NÄKYMÄTTÖMÄLLE LASERSÄTEILYLLE. ÄLÄ KATSO SÄTEESEEN.
VARNING : OSYNLING LASERSTRÅLING NÄR DENNA DEL ÄR ÖPPNAD OCH SPÄRREN ÄR URKOPPLAD. BETRAKTA EJ STRÅLEN.
ADVERSEL : USYNLIG LASERSTRÅLING NÅR DEKSEL ÅPNES OG SIKKERHEDSLÅS BRYTES. UNNGÅ EKSPONERING FOR STRÅLEN.
VIGYAZAT! : A BURKOLAT NYITÁSAKOR LÁTHATATLAN LÉZERSUGÁRVESZÉLY! KERÜLJE A BESUGÁRZÁST!

NOTES ON HANDLING THE OPTICAL PICK-UP BLOCK OR BASE UNIT

The laser diode in the optical pick-up block may suffer electrostatic break-down because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body.
During repair, pay attention to electrostatic break-down and also use the procedure in the printed matter which is included in the repair parts.
The flexible board is easily damaged and should be handled with care.

NOTES ON LASER DIODE EMISSION CHECK

The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pick-up block. Therefore, when checking the laser diode emission, observe from more than 30 cm away from the objective lens.

Notes on chip component replacement

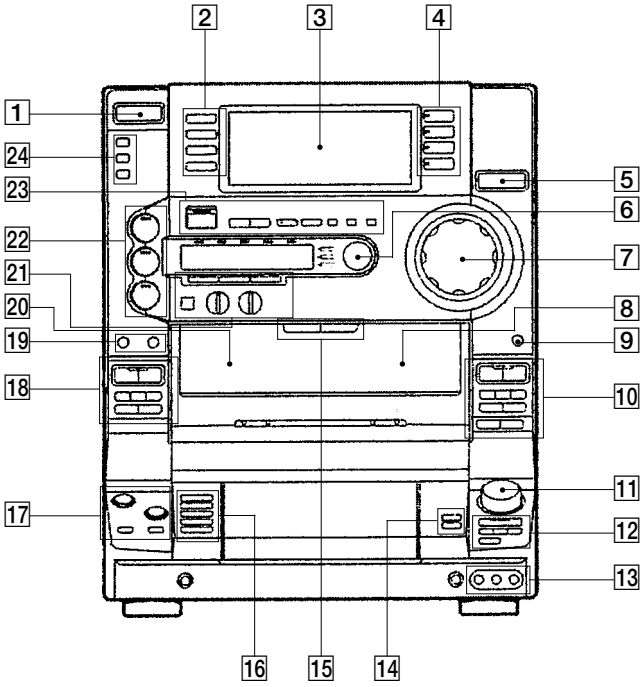
- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

Flexible Circuit Board Repairing

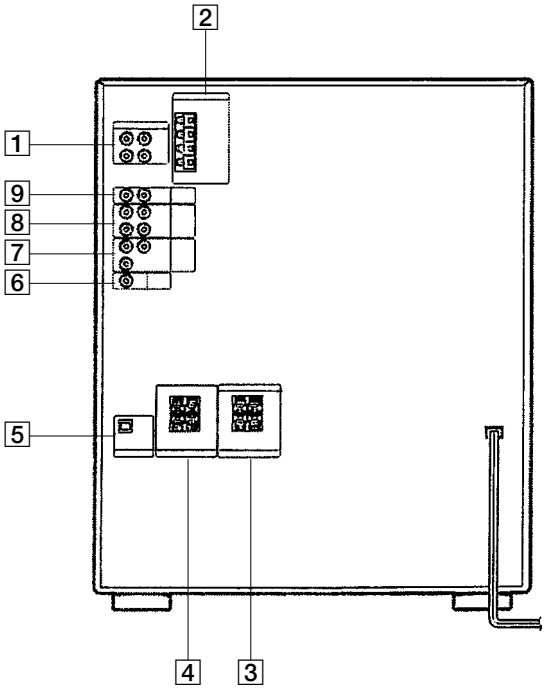
- Keep the temperature of the soldering iron around 270 ˚C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

CAUTION
Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

LOCATION OF CONTROLS
– Front Panel –



– Rear Panel –



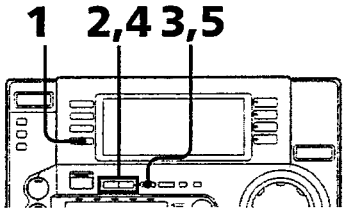
1 I/⏻ (POWER) button
2 DAILY button
REC button
SLEEP button
🕘/CLOCK SET button
3 Display
4 SYNC EQ button
SYNC BASS button
SURROUND button
MIX GUITAR/KARAOKE button
5 FUNCTION button
6 ▲/►/▼/◄ button
7 VOLUME control
8 DECK B
9 PHONES jack
10 DECK B operating button
◁ button ▷ button ■ button
◀◀ button ▶▶ button ❚❚ button
● REC button HI SPEED DUB button
CD SYNC button
11 I◀◀ AMS ▶▶I control
12 CD operating button
▷ ❚❚ button ■ button ◀◀ button
▶▶ button DISC SKIP button
13 VIDEO 2 INPUT jack
14 PLAY MODE button
REPEAT button
15 ⏏ A EJECT
⏏ B EJECT
16 DISC1-5 button
17 LOOP button
FLASH button
NON-STOP button
EDIT button
18 DECK A operating button
◁ button ▷ button ■ button
◀◀ button ▶▶ button
DIRECTION button
DOLBY NR button
19 MIC MIX jack
GUITAR jack
20 DECK A
21 SUPPER WOOFER MODE button
MIC LEVEL control
GUITAR LEVEL control
22 EJECT button
GROOVE button
SUPER WOOFER button
23 TUNER/BAND button
TUNING +/– button
ENTER/NEXT button
TUNER MEMORY button
STEREO/MONO button
TUNING MODE button
PTY button (LX5 only)
24 POWER SAVE/DEMO (STAND BY) button
DISPLAY button
SPECTRUM ANALYZER button

1 DJ MIX jack
2 ANTENNA terminal
3 REAR SURROUND SPEAKER terminal (LX50 only)
4 FRONT SPEAKER terminal
5 CD DIGITAL OUT terminal
6 VIDEO OUT jack
7 VIDEO 1 jack
8 MD IN/OUT jack
9 PHONO IN jack

Step 3: Setting the time

You must set the time before using the timer functions. The clock is on a 24-hour system for European models, and a 12-hour system for other models.

The 24-hour system model is used for illustration purposes.

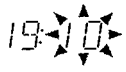


1 Press ⏲/CLOCK SET.
The hour indication flashes.

2 Press TUNING +/– to set the hour.

3 Press ENTER/NEXT.
The minute indication flashes.

4 Press TUNING +/– to set the minute.



5 Press ENTER/NEXT.
The clock starts.

continued

Tip

If you make a mistake, start over from step 1.

To change the time

The previous explanation shows you how to set the time while the power is off. To change the time while the power is on, do the following:

1 Press ⏲/CLOCK SET.
2 Press TUNING +/– to select SET CLOCK.
3 Press ENTER/NEXT.
4 Perform steps 2 through 5 in the previous explanation.

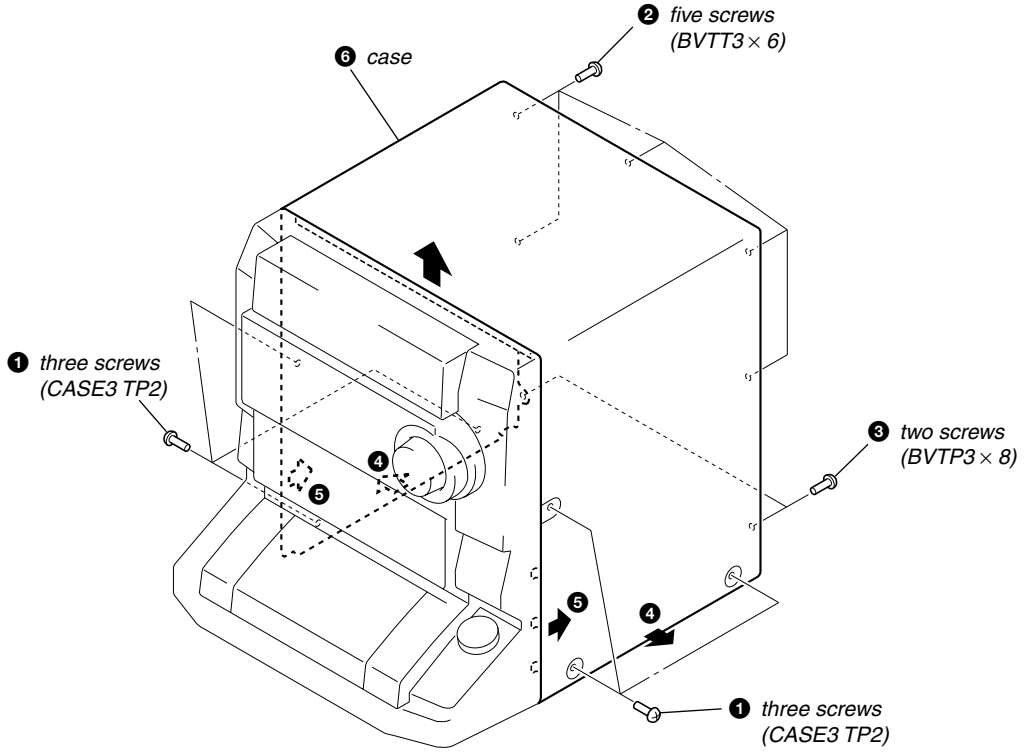
Notes

- You cannot set the time in Power Saving mode (LX50/LX30/LX5 only, see page 10).
- The clock setting is canceled when you disconnect the power cord or if a power failure occurs.

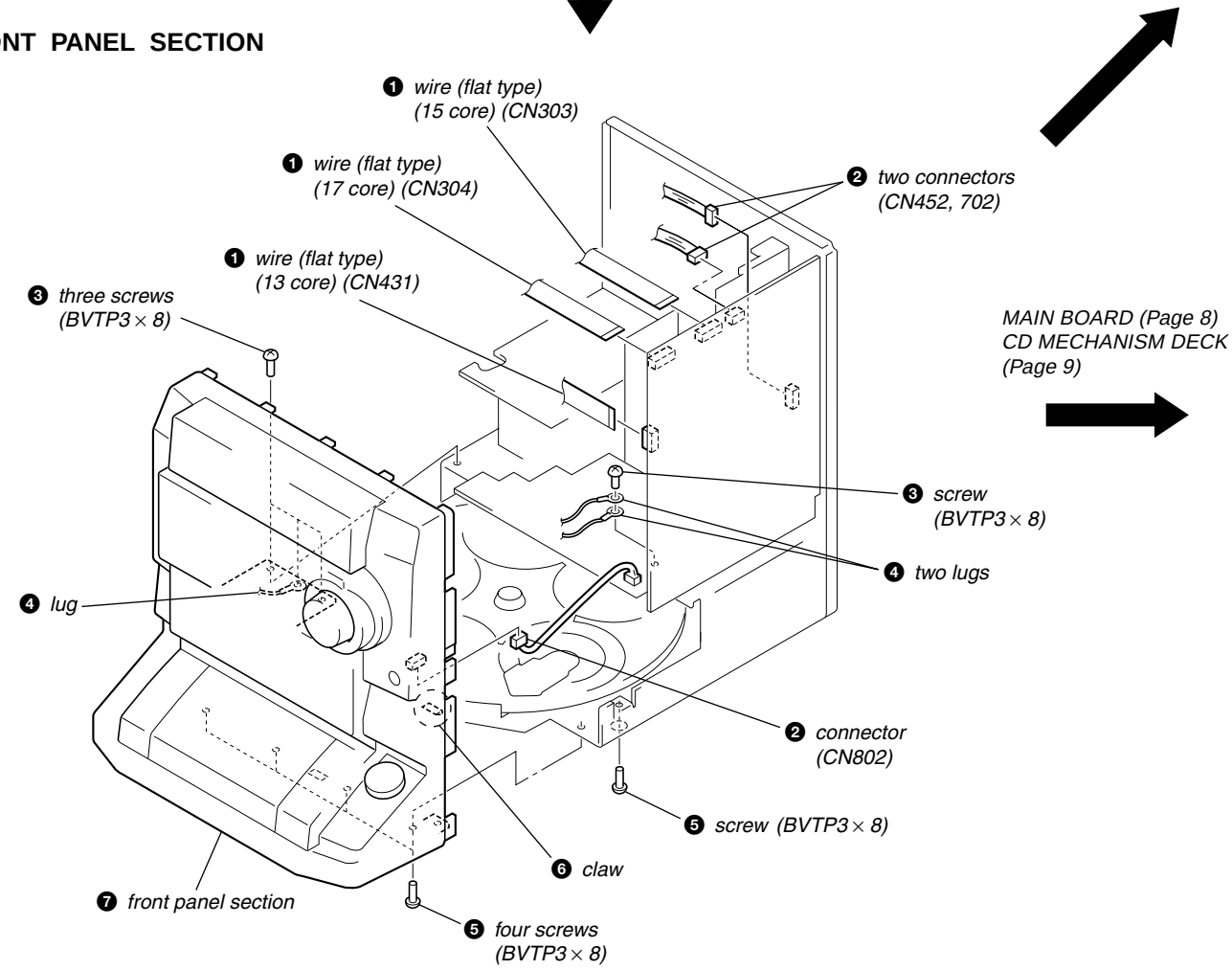
SECTION 3
DISASSEMBLY

Note: Follow the disassembly procedure in the numerical order given.

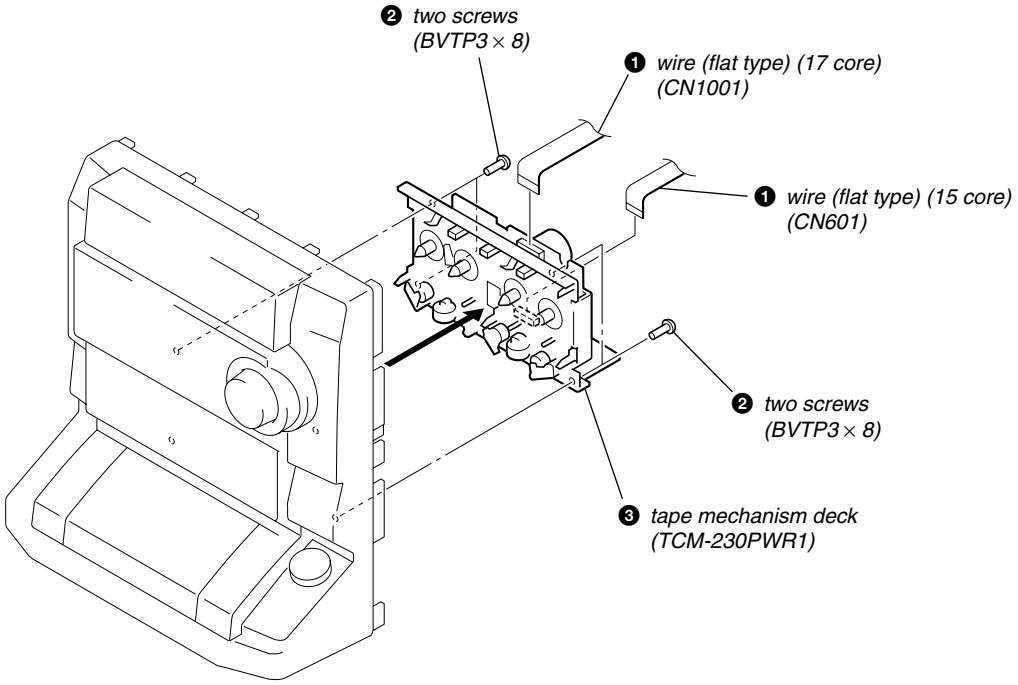
CASE



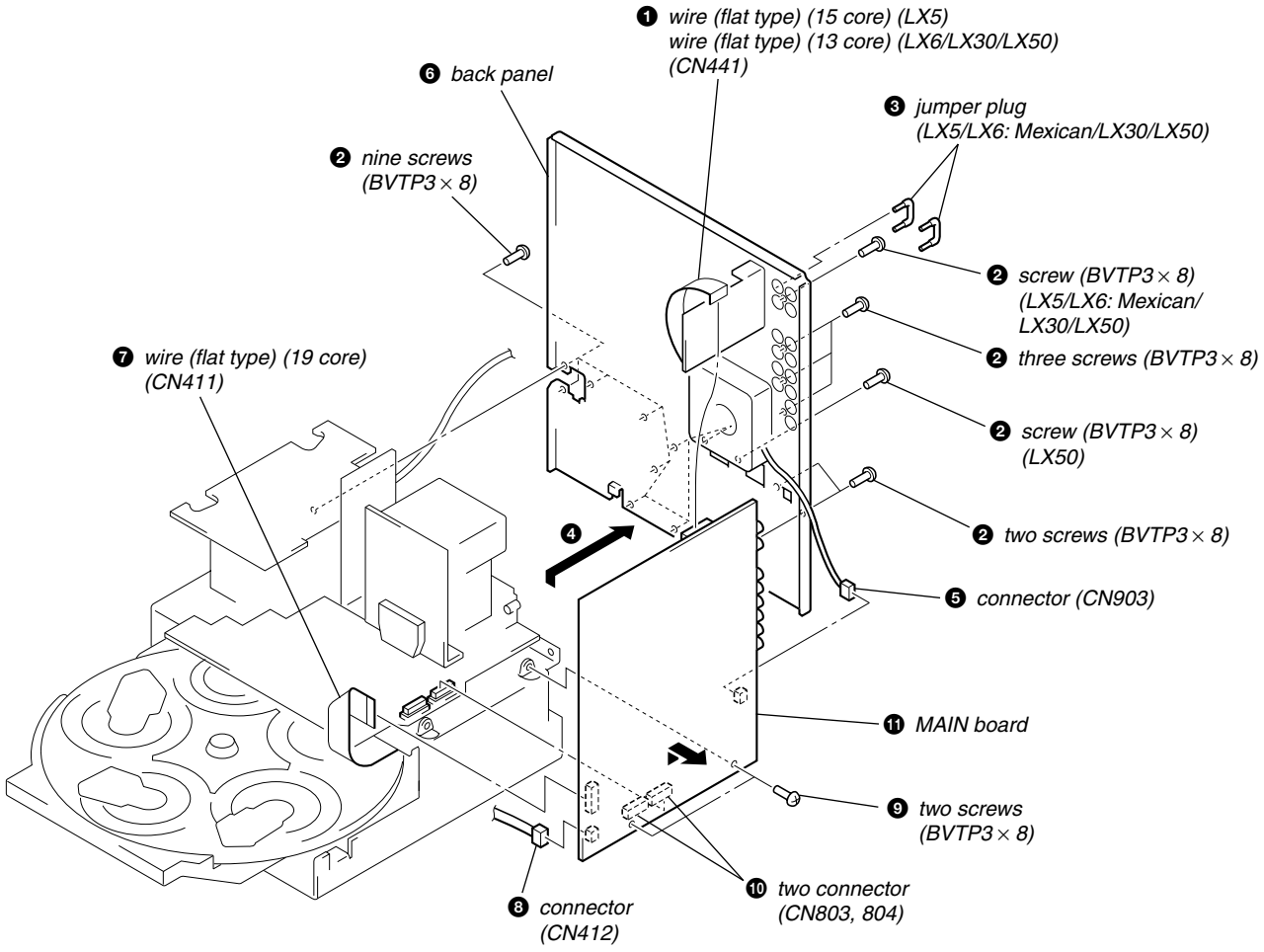
FRONT PANEL SECTION



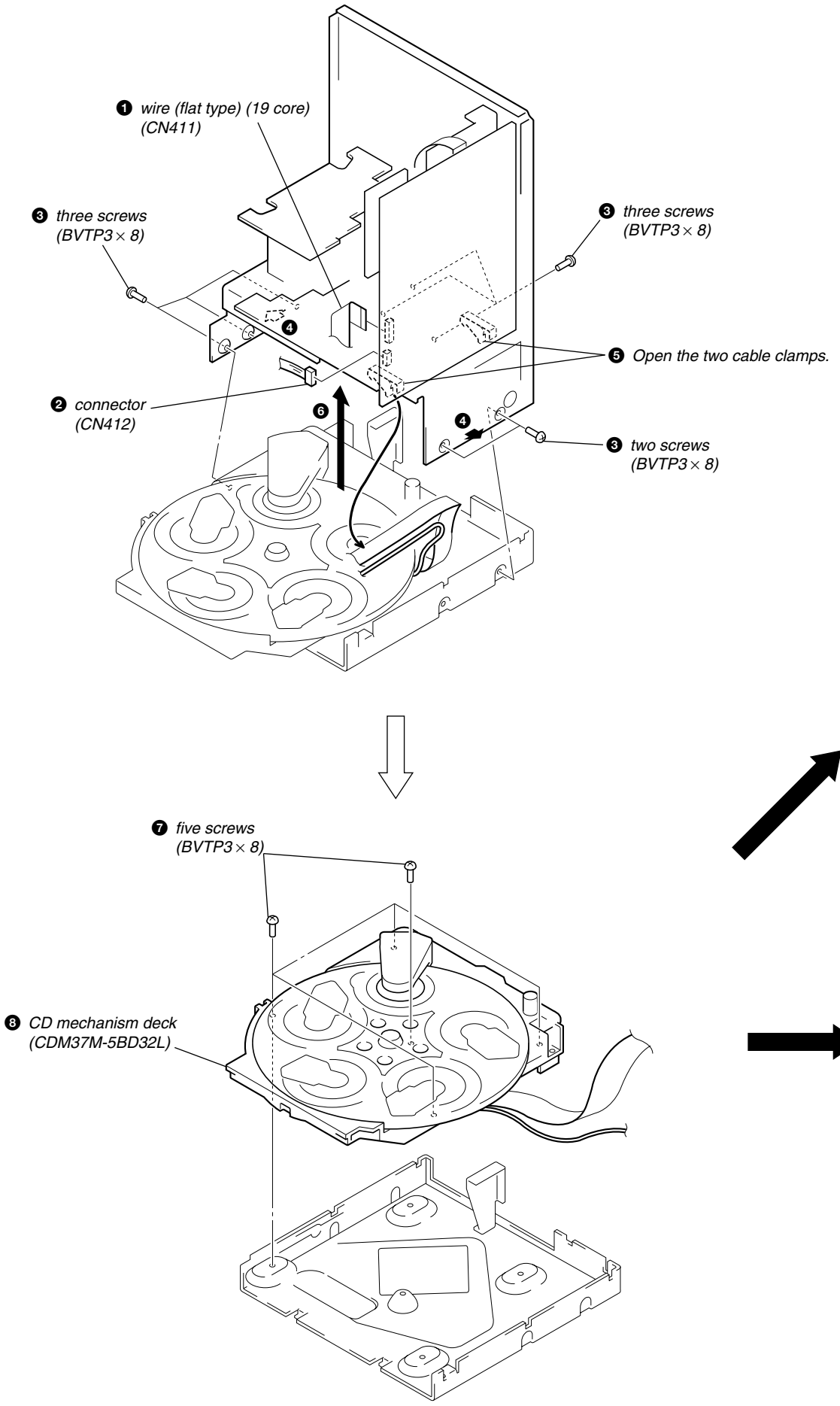
TAPE MECHANISM DECK (TCM-230PWR1)



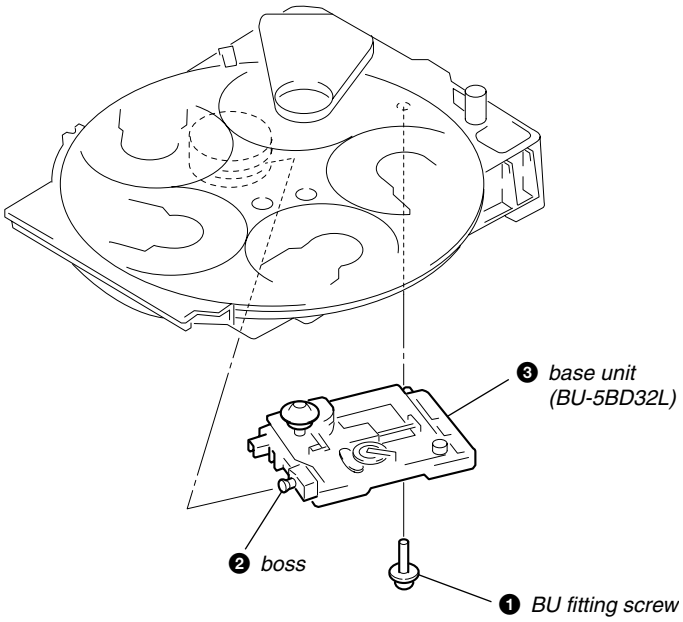
MAIN BOARD



CD MECHANISM DECK (CDM37M-5BD32L)

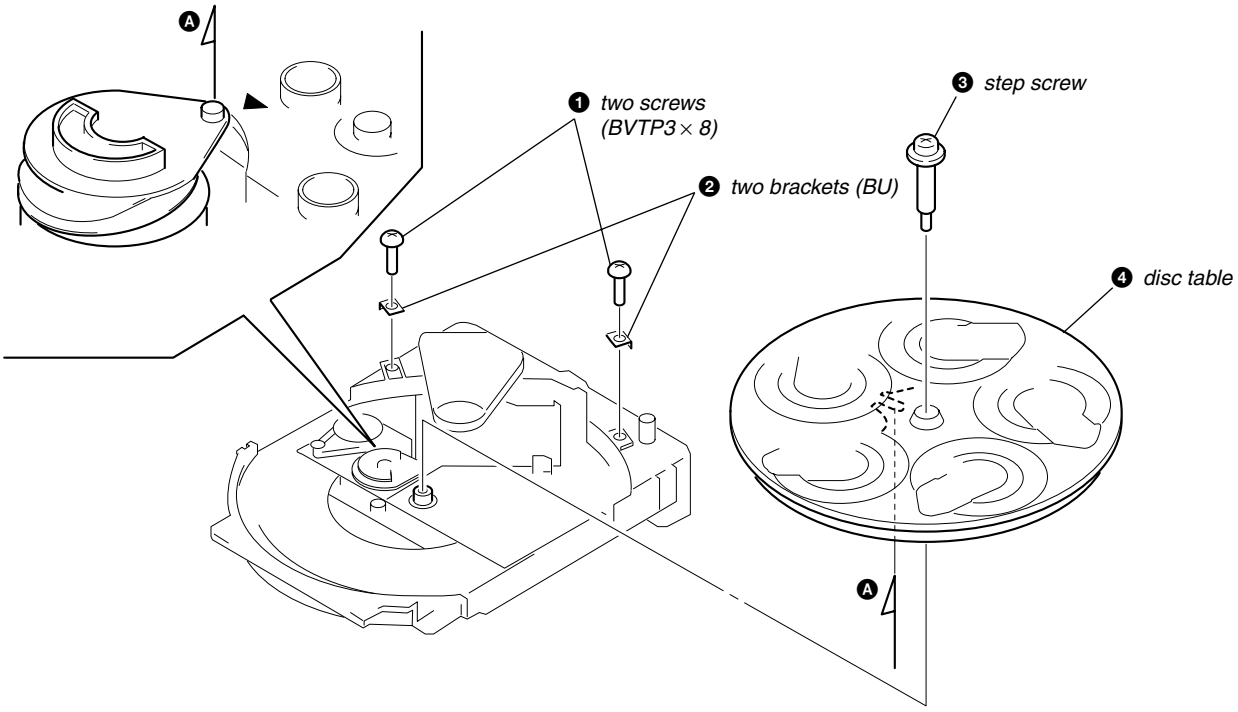


BASE UNIT (BU-5BD32L)



DISC TABLE

Note: When the disc table is installed, adjust the positions of roller cam and mark ▶ as shown in the figure, then set to the groove of disc table.



SECTION 4
DIAGRAMS

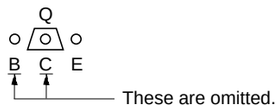
4-1. NOTE FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS
(In addition to this, the necessary note is printed in each block)

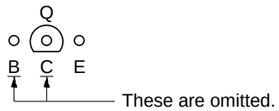
Note on Printed Wiring Board:
- ○——— : parts extracted from the component side.
- ——— : parts extracted from the conductor side.
- △ : internal component.
- ▒▒▒ : Pattern from the side which enables seeing.

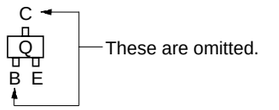
(The other layers' patterns are not indicated.)

Caution:	
Pattern face side: (Side B)	Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (Side A)	Parts on the parts face side seen from the parts face are indicated.

- Indication of transisitor.





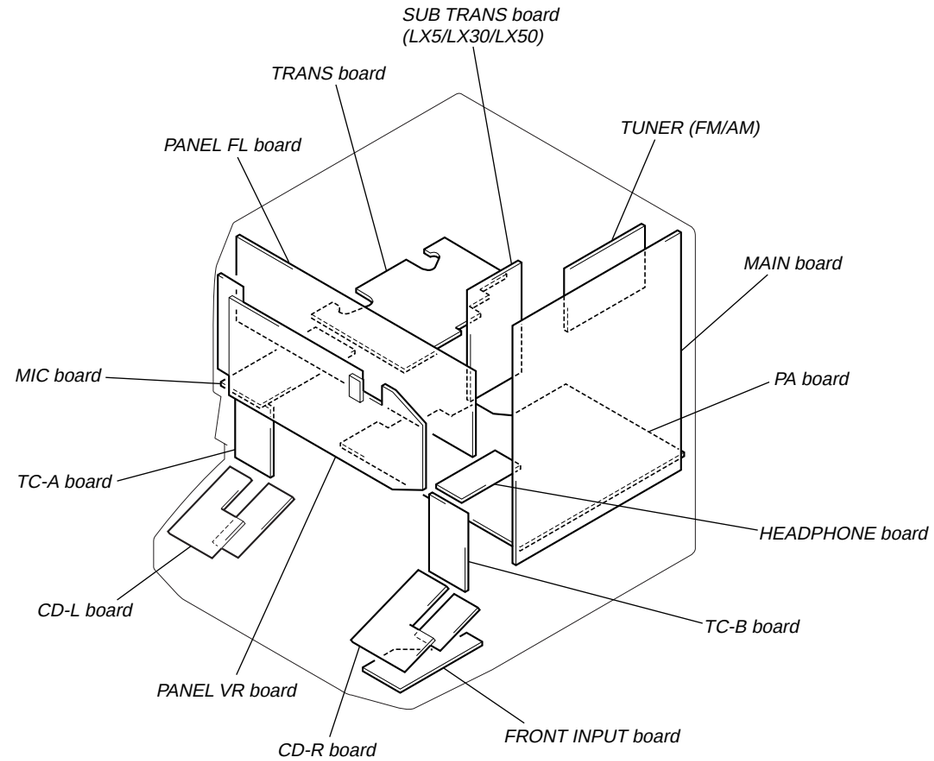


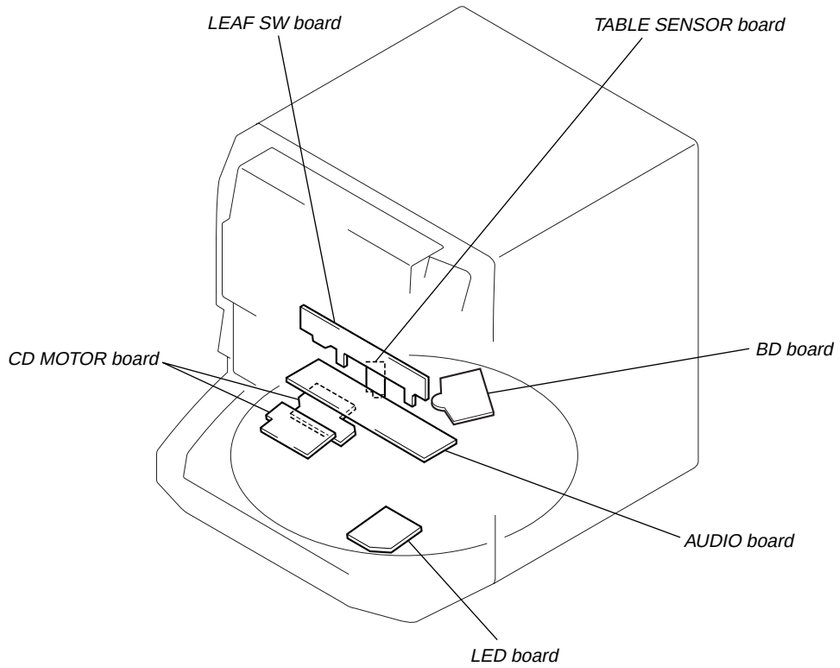
Note on Schematic Diagram:
- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- : nonflammable resistor.
- : fusible resistor.
- : panel designation.

Note:	**Note:**
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

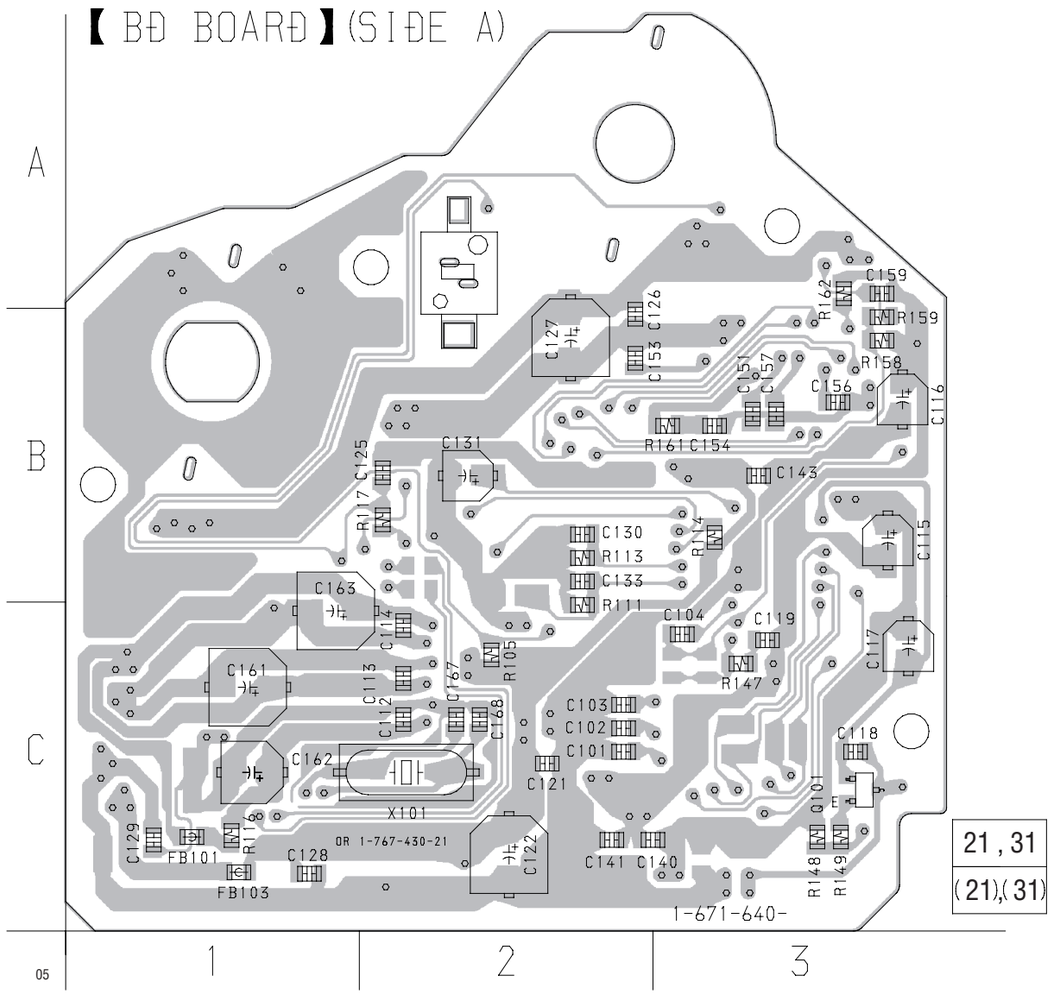
- B+ : B+ Line.
- B− : B– Line.
- : adjustment for repair.
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  - : TUNER (FM/AM)
  - : PLAYBACK (DECK A)
  - : PLAYBACK (DECK B)
  - : RECORD
  - : CD PLAY (ANALOG OUT)
  - : CD PLAY (DIGITAL OUT)
  - : MIC INPUT
- Abbreviation
  - AUS : Australian model
  - AR : Argentine model
  - EA : Saudi Arabia model
  - MY : Malaysia model
  - MX : Mexican model
  - SP : Singapore model

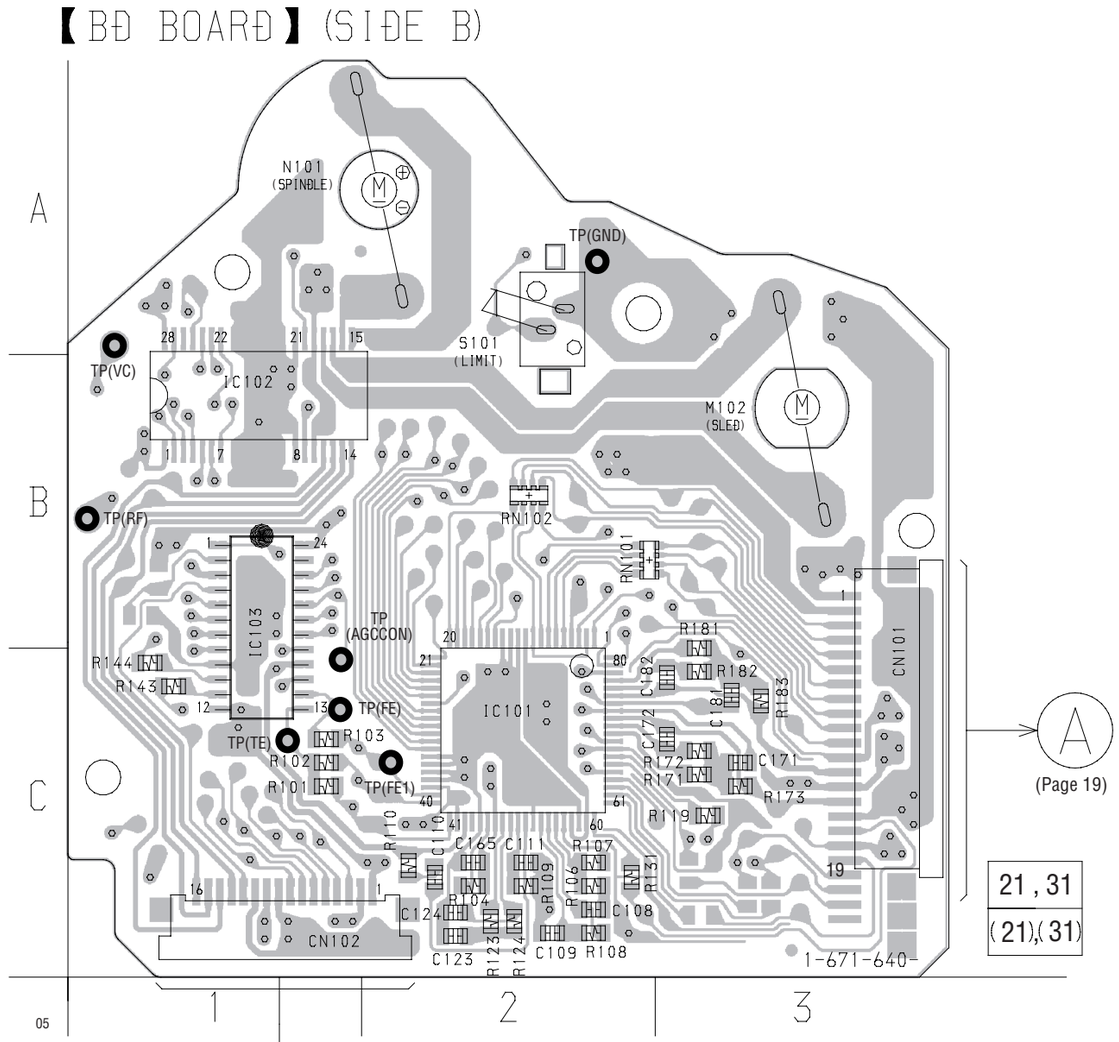
- **Circuit Boards Location**





4-2. PRINTED WIRING BOARD – BD Board – • See page 11 for Circuit Boards Location.





OPTICAL PICK-UP BLOCK
KSS-213D/Q-NP

- **Semiconductor Location (Side A)**

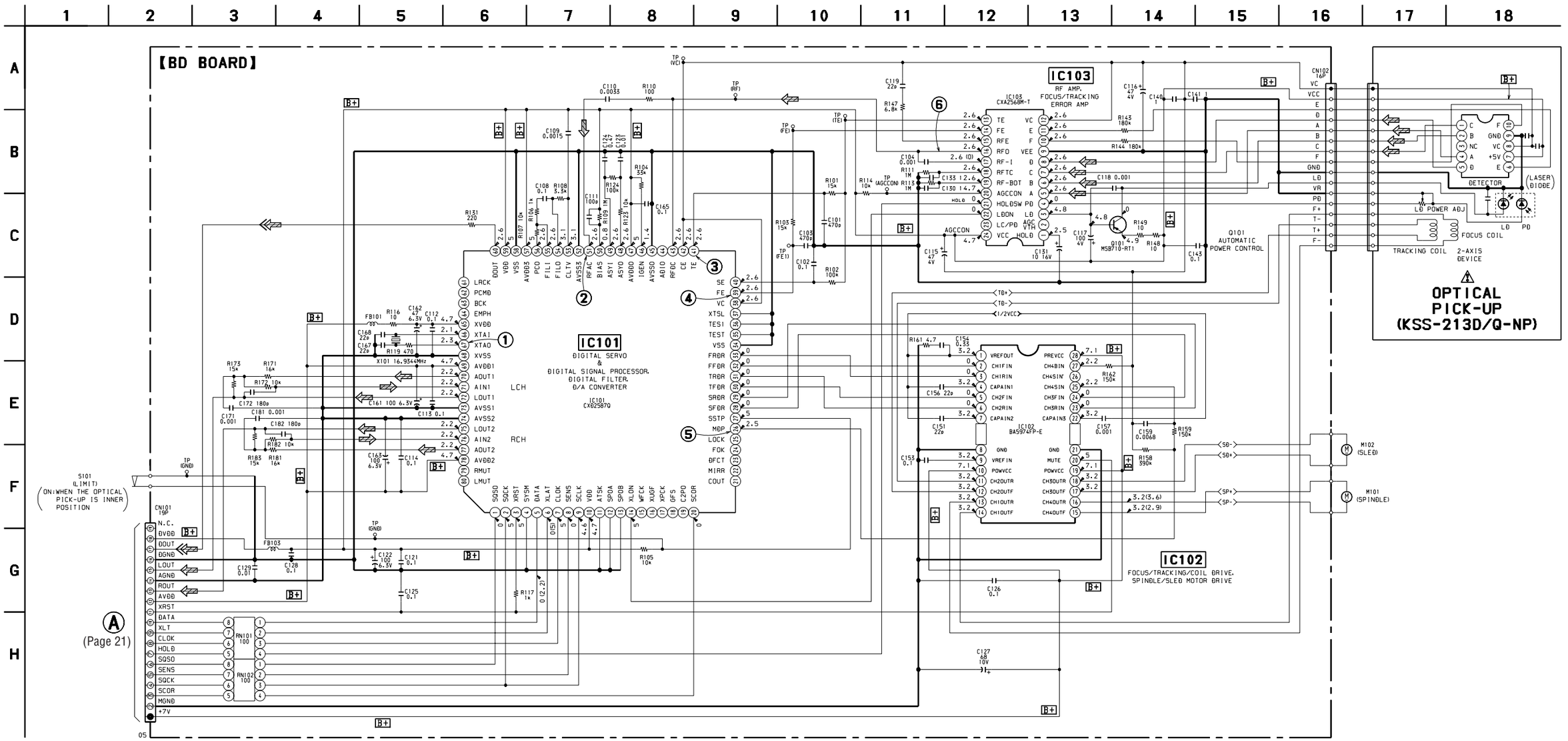
Ref. No.	Location
Q101	C-3

- **Semiconductor Location (Side B)**

Ref. No.	Location
IC101	C-2
IC102	B-1
IC103	B-1

4-3. SCHEMATIC DIAGRAM – BD Board –

• See page 23 for Waveforms. • See page 36 for IC Block Diagrams.

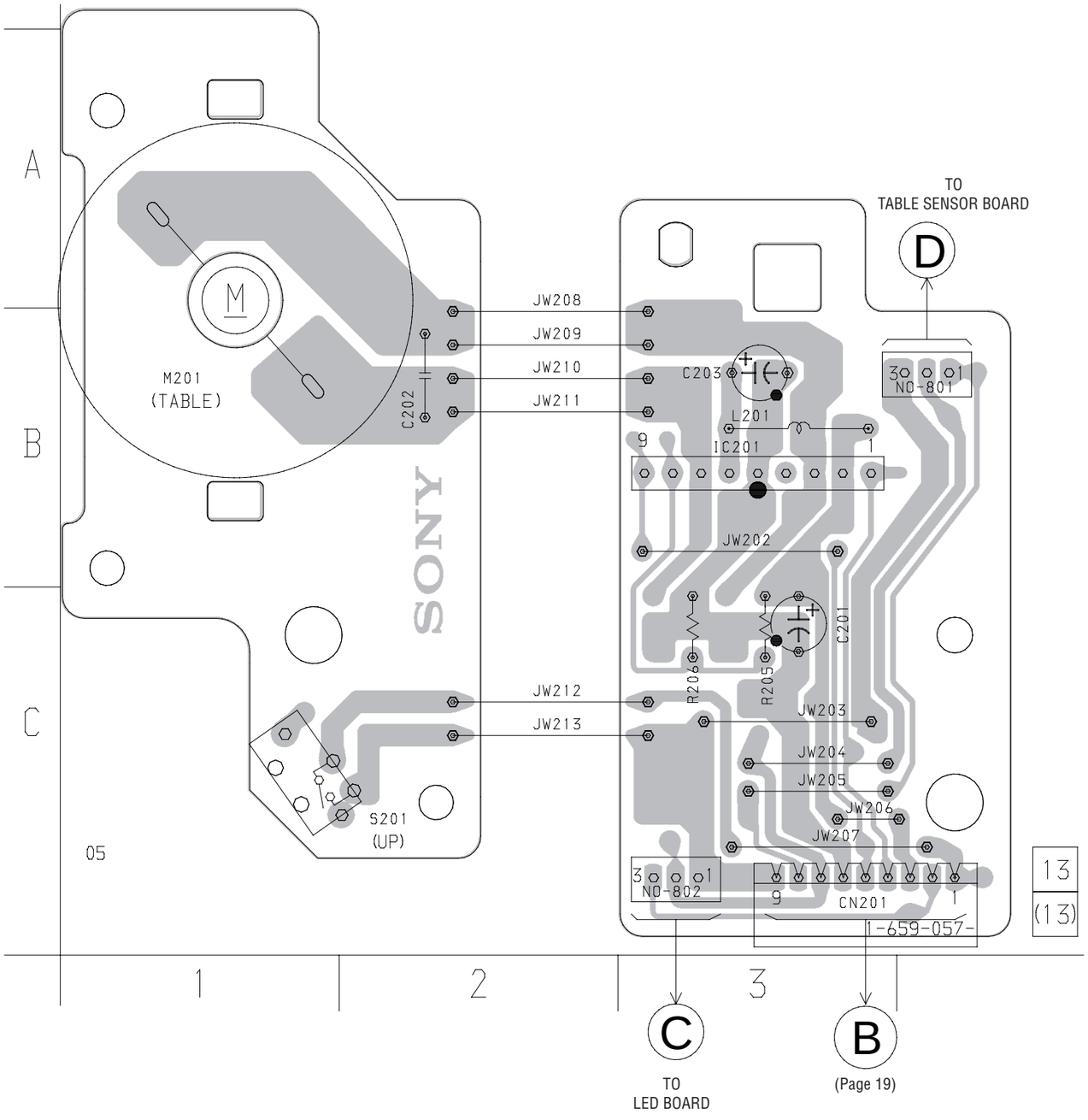


• Voltages and waveforms are dc with respect to ground under no-signal conditions.
no mark : CD STOP
( ) : CD PLAY

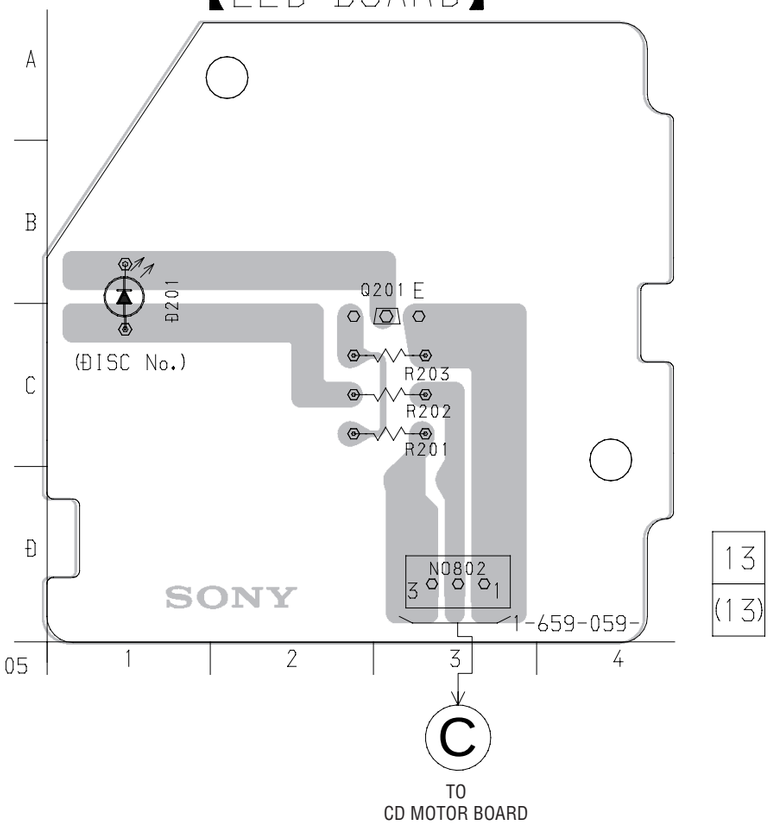
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

4-4. PRINTED WIRING BOARDS – CD MOTOR Section – • See page 11 for Circuit Boards Location.

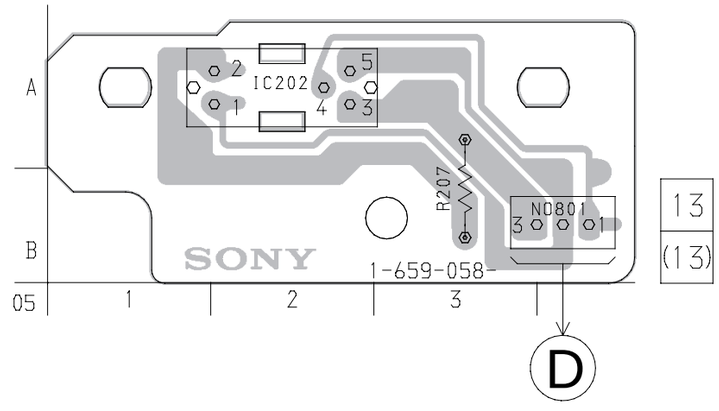
【CD MOTOR BOARD】



【LED BOARD】

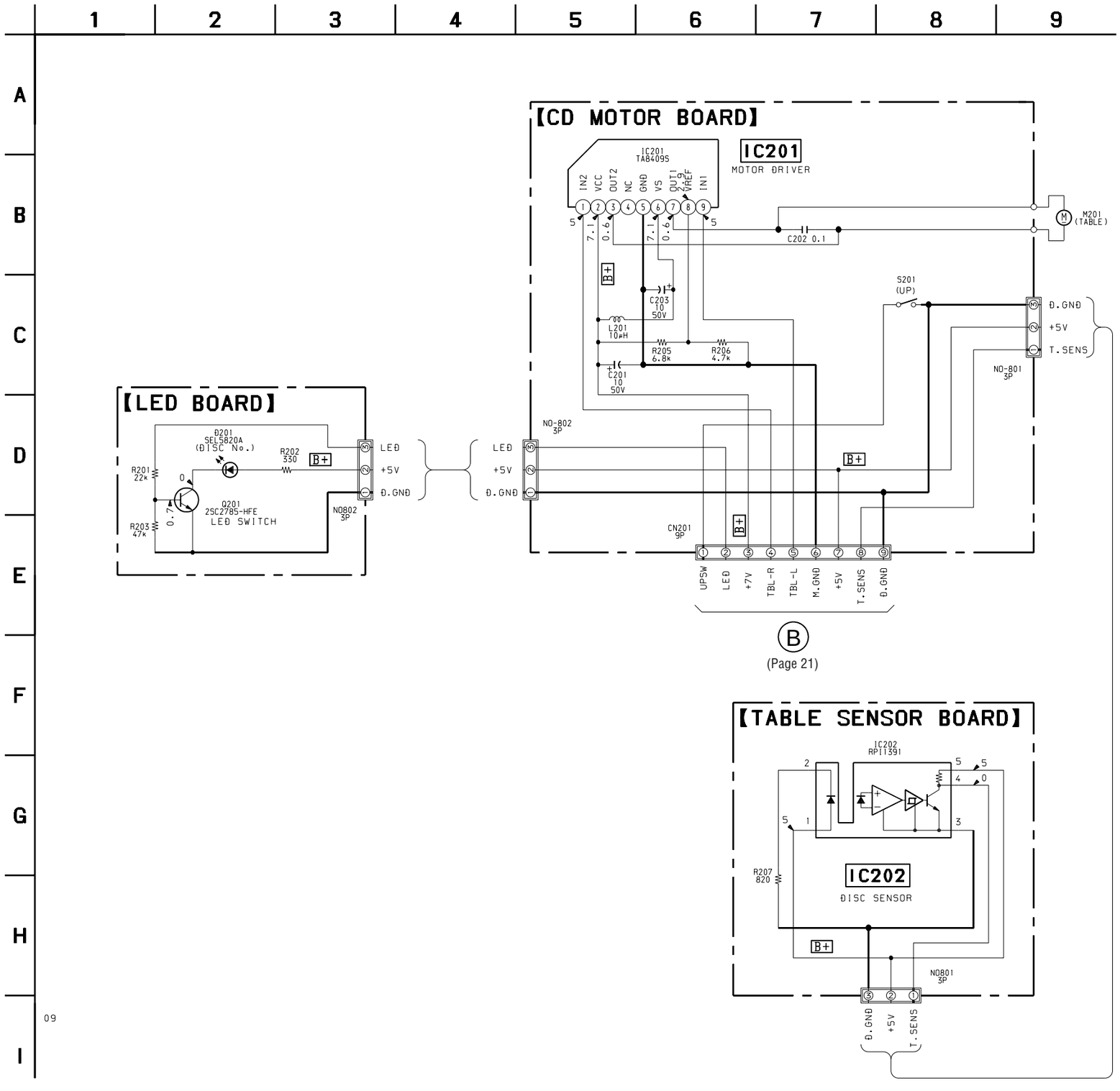


【TABLE SENSOR BOARD】



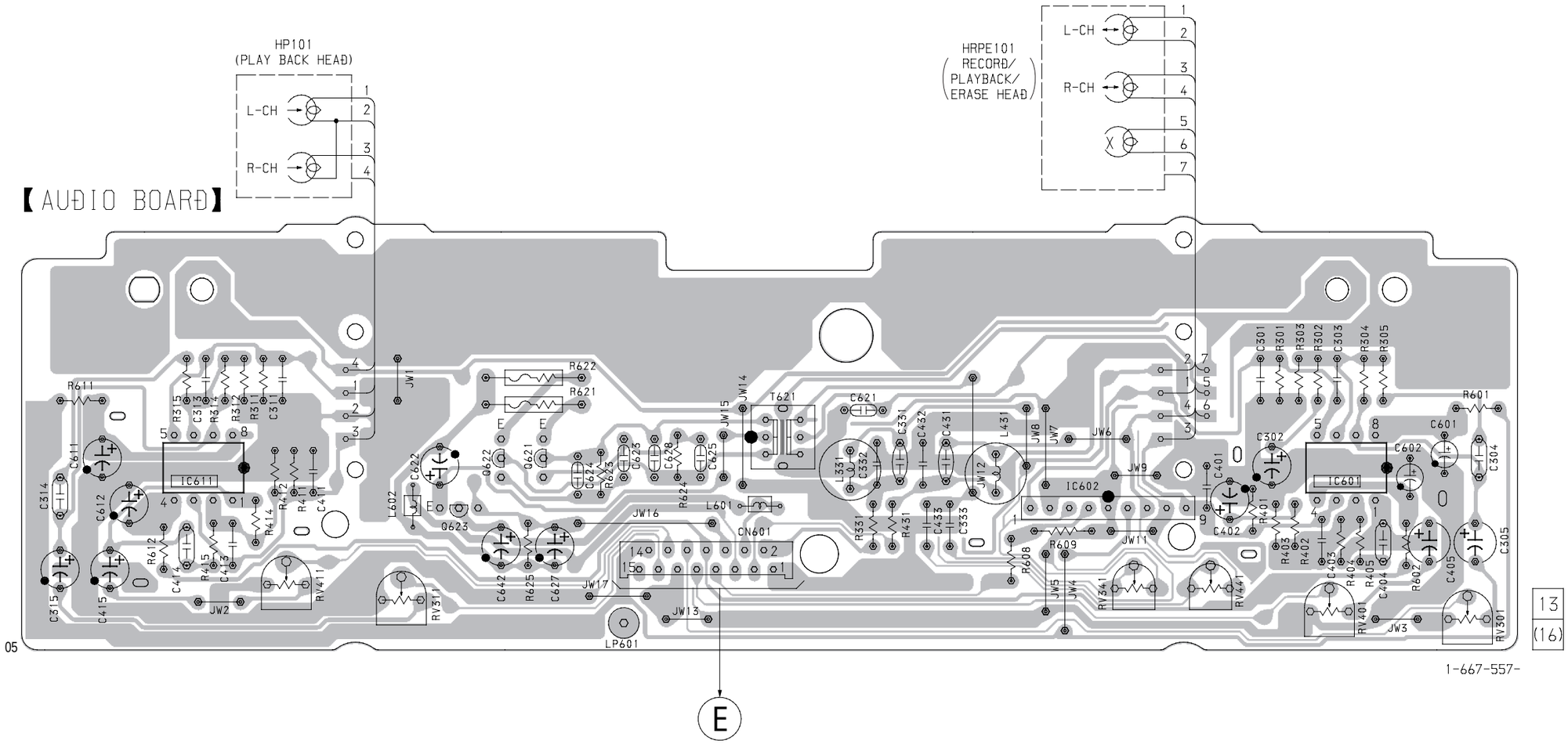
4-5. SCHEMATIC DIAGRAM – CD MOTOR Section –

• See page 36 for IC Block Diagrams.

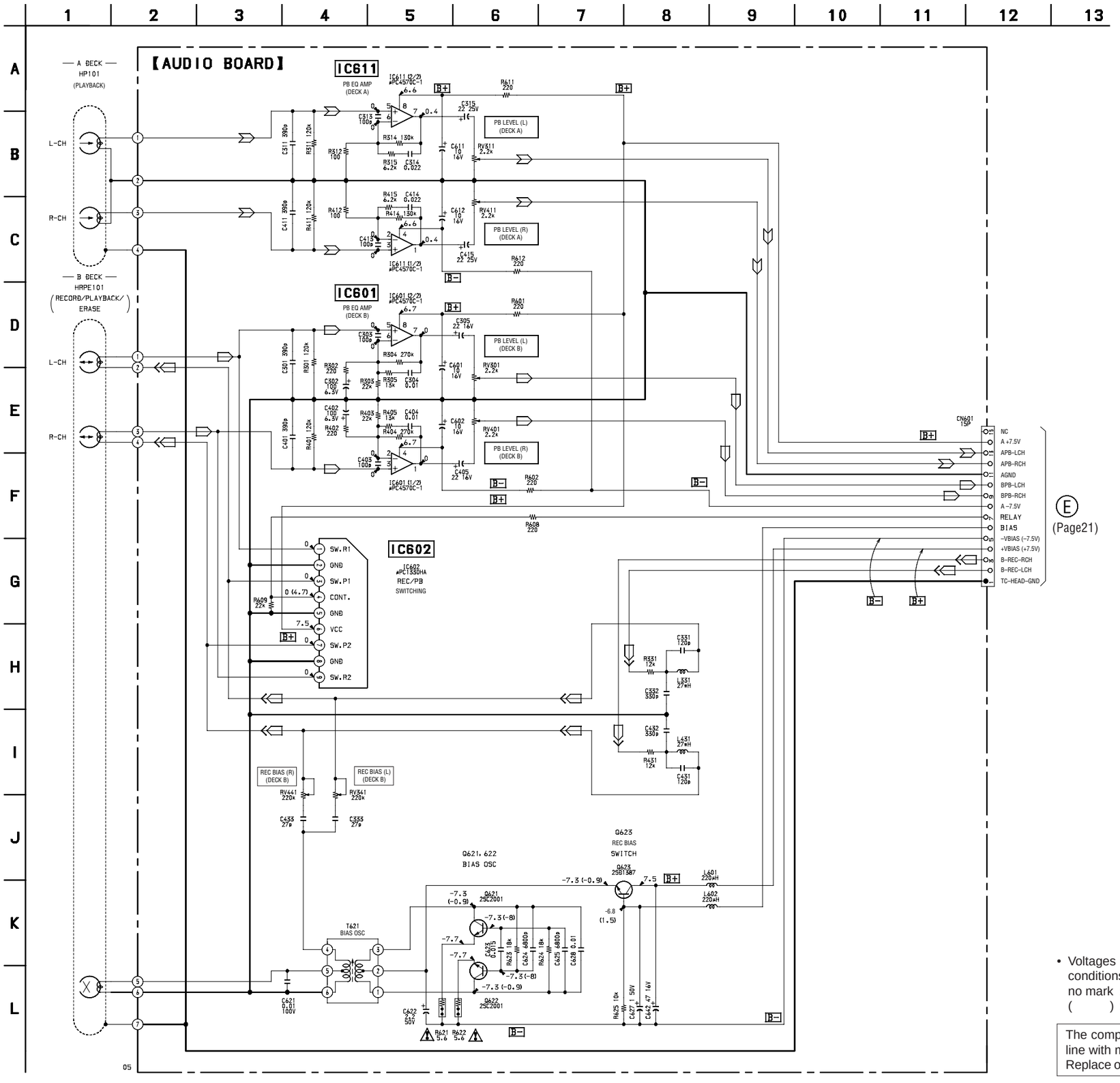


• Voltages are dc with respect to ground under no-signal conditions.
no mark : CD STOP

4-6. PRINTED WIRING BOARD – AUDIO Board – **• See page 11 for Circuit Boards Location.**



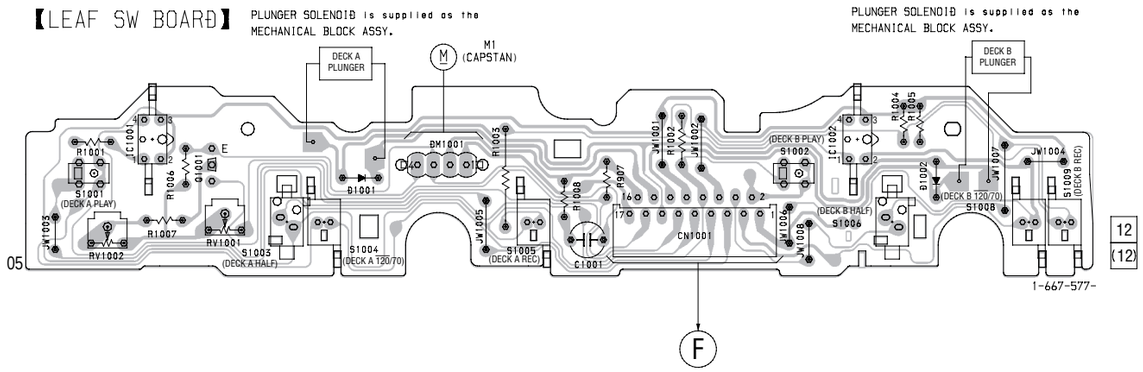
4-7. SCHEMATIC DIAGRAM – AUDIO Board – • See page 36 for IC Block Diagrams.



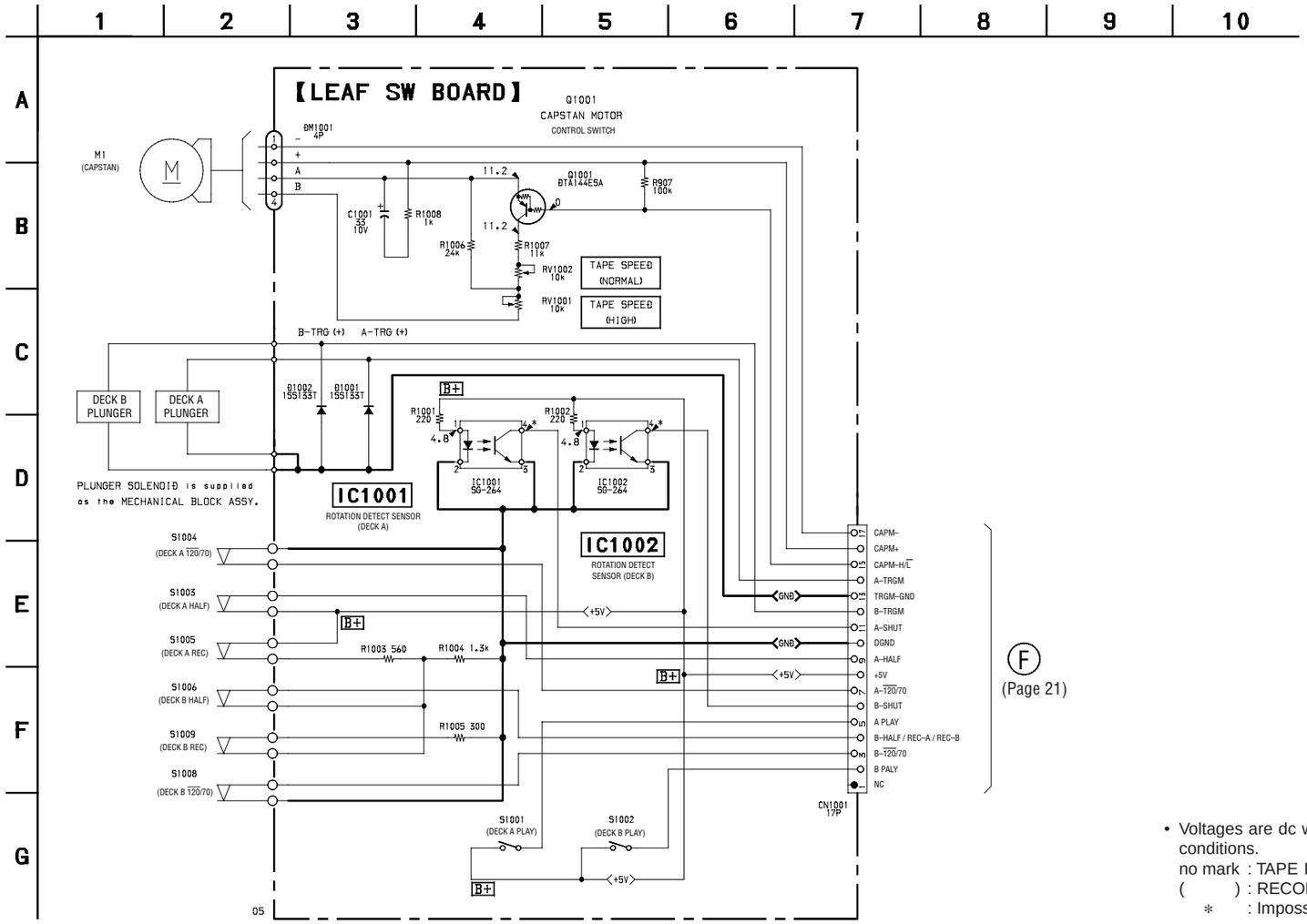
- Voltages are dc with respect to ground under no-signal conditions.
  no mark : TAPE PLAY
  ( ) : RECORD

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

4-8. PRINTED WIRING BOARD – LEAF SW Board – • See page 11 for Circuit Boards Location.



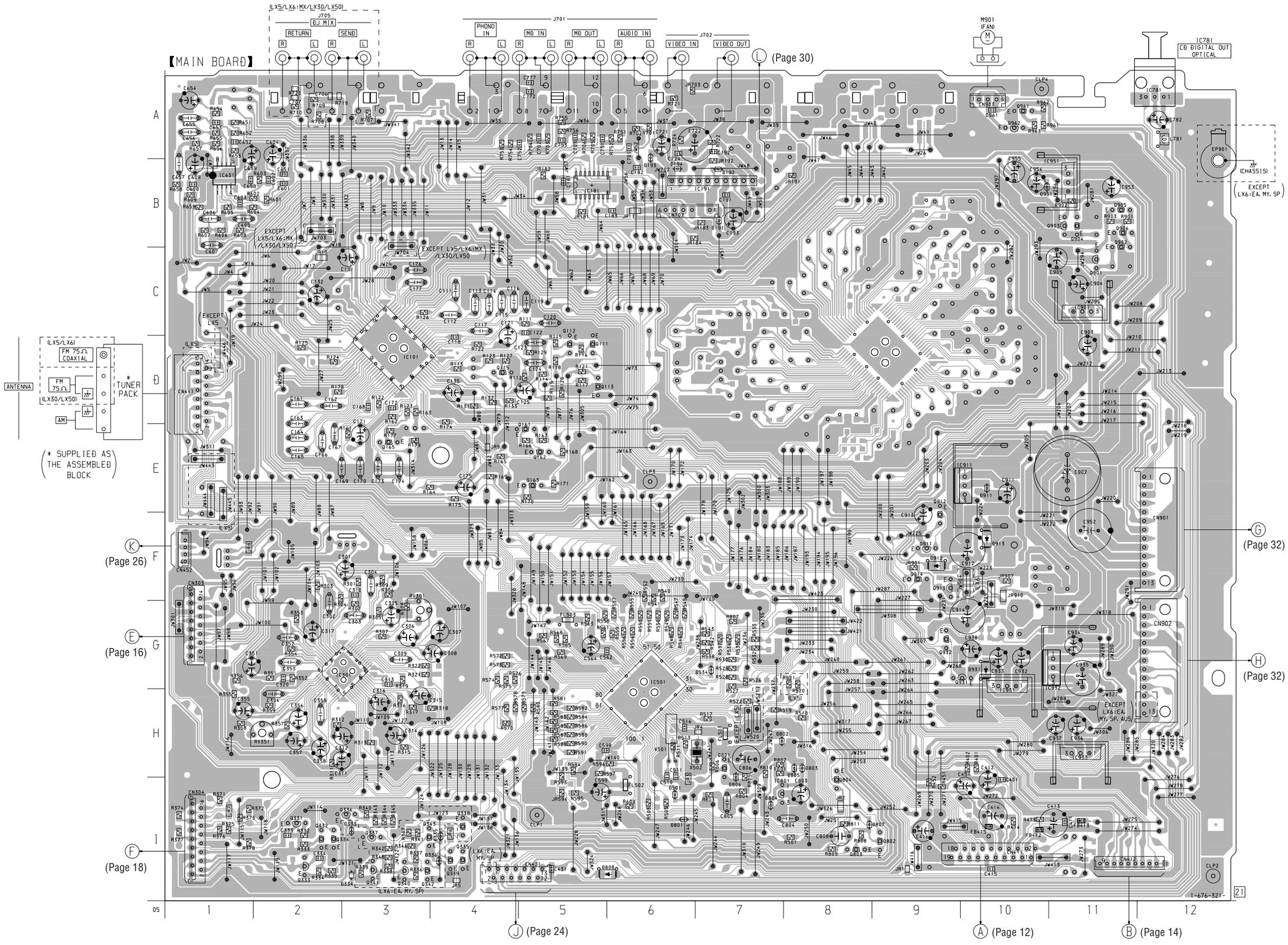
4-9. SCHEMATIC DIAGRAM – LEAF SW Board –



- Voltages are dc with respect to ground under no-signal conditions.
  no mark : TAPE PLAY
  ( ) : RECORD
  ∗ : Impossible to measure

4-10. PRINTED WIRING BOARD – MAIN Board –

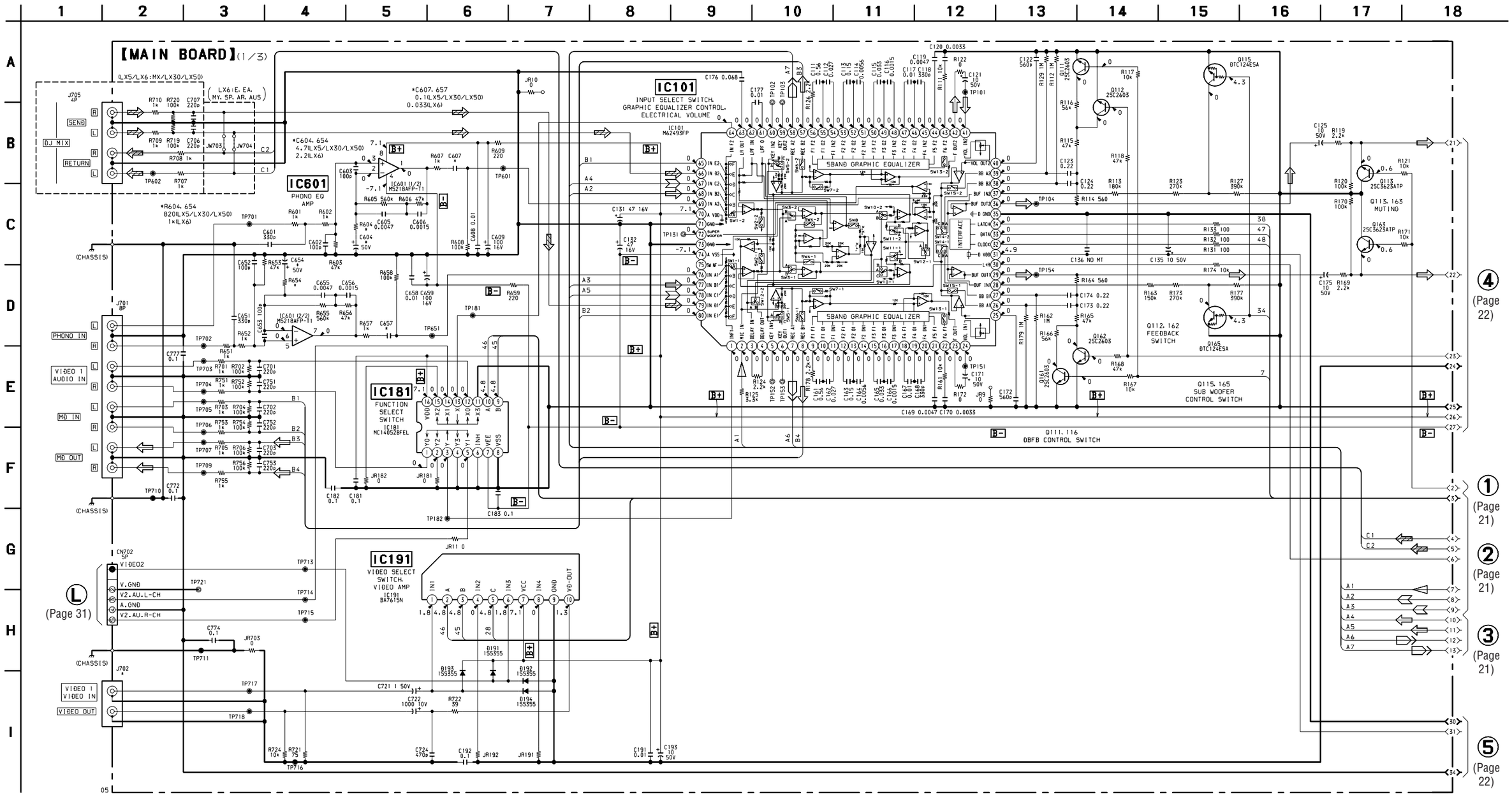
• See page 11 for Circuit Boards Location.



• **Semiconductor Location**

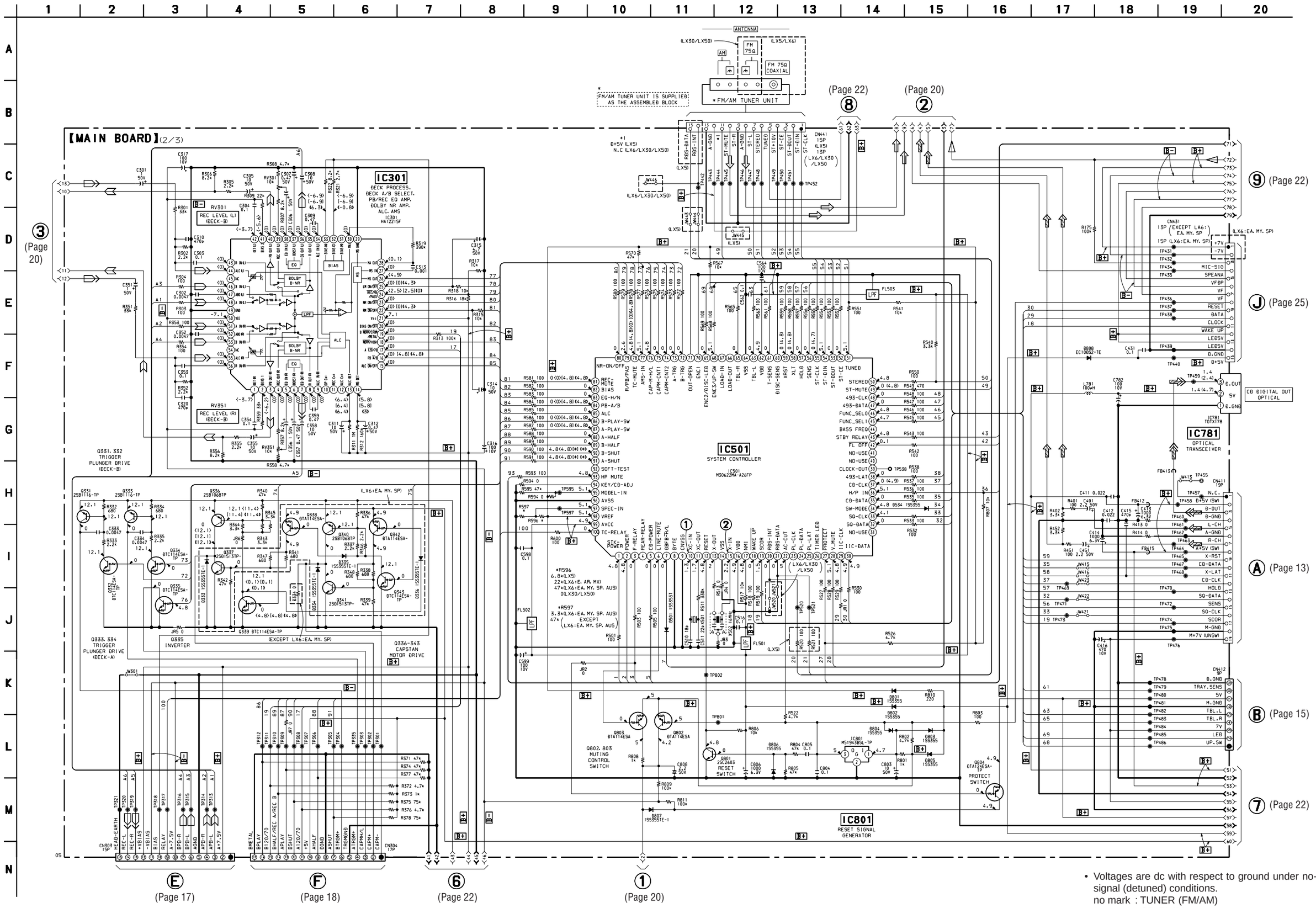
Ref. No.	Location
D191	B-7
D192	B-7
D193	A-6
D194	B-6
D333	I-3
D334	I-3
D335	I-4
D336	I-4
D501	I-6
D534	G-7
D801	I-6
D802	H-7
D803	H-8
D804	I-7
D805	H-8
D806	H-7
D807	H-8
D808	I-6
D911	E-10
D912	F-9
D913	F-10
D931	G-10
D951	B-10
IC101	D-3
IC181	B-5
IC191	B-7
IC301	G-2
IC501	H-6
IC601	B-1
IC781	A-12
IC801	I-7
IC901	C-11
IC911	E-10
IC931	G-10
IC932	G-11
IC932	G-12
IC933	H-11
IC951	B-11
Q111	D-5
Q112	D-5
Q113	D-5
Q115	D-4
Q161	E-5
Q162	E-5
Q163	E-5
Q165	E-3
Q331	I-2
Q332	I-2
Q333	I-2
Q334	I-2
Q335	I-4
Q336	I-3
Q337	I-3
Q338	I-4
Q339	I-4
Q340	I-3
Q341	I-3
Q342	I-3
Q343	I-3
Q801	H-7
Q802	H-9
Q803	H-8
Q804	I-8
Q901	C-11
Q902	B-11
Q903	B-11
Q904	B-11
Q905	B-11
Q906	B-11
Q911	F-9
Q912	F-9
Q913	F-9
Q914	F-9
Q931	G-10
Q932	G-9
Q961	A-10
Q962	A-10

4-11. SCHEMATIC DIAGRAM – MAIN Board (1/3) –



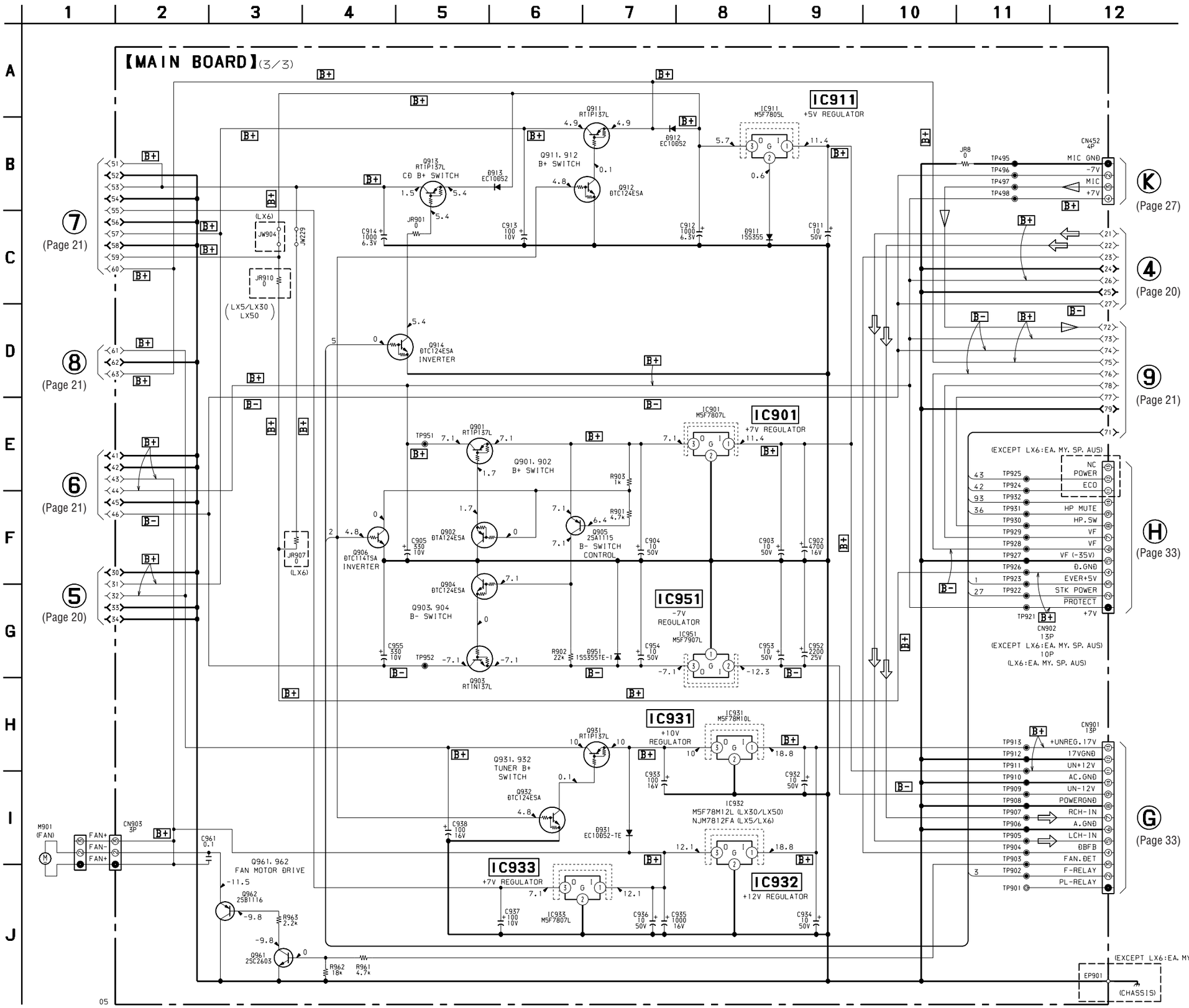
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : TUNER (FM/AM)

4-12. SCHEMATIC DIAGRAM – MAIN Board (2/3) – • See page 23 for Waveforms.



- Voltages are dc with respect to ground under no-signal (detuned) conditions.
  no mark : TUNER (FM/AM)
  ( ) : CD PLAY
  { } : TAPE PLAYBACK (DECK A)
  [ ] : TAPE PLAYBACK (DECK B)
  ⟨⟨ ⟩⟩ : RECORD

4-13. SCHEMATIC DIAGRAM – MAIN Board (3/3) –

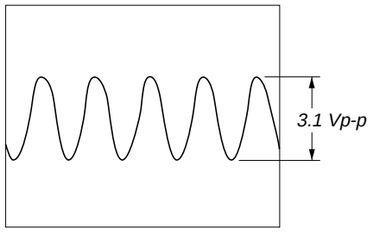


- Voltages are dc with respect to ground under no-signal (detuned) conditions.
  no mark : FM

• **Waveforms**

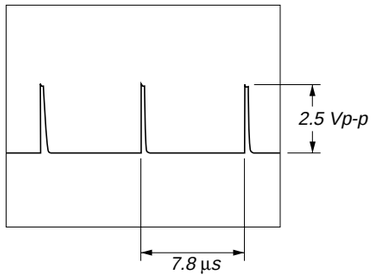
– BD Board –

❶ IC101 ㊼ (XTAO)

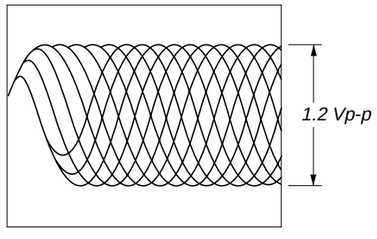


16.9344 MHz

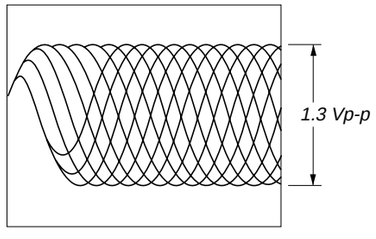
❺ IC101 ㉖ (MDP) (CD PLAY MODE)



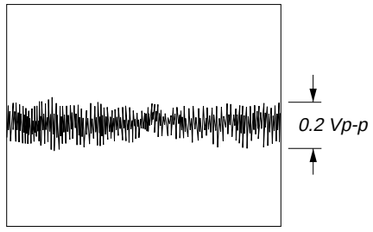
❷ IC101 ㊶ (RF AC) (CD Play Mode)



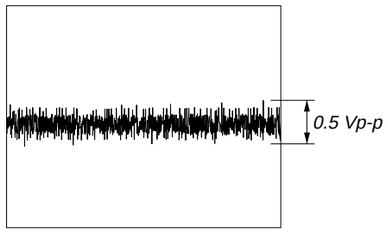
❻ IC102 ⑯ (RFO) (CD Play Mode)



❸ IC101 ㊶ (TE) (CD Play Mode)

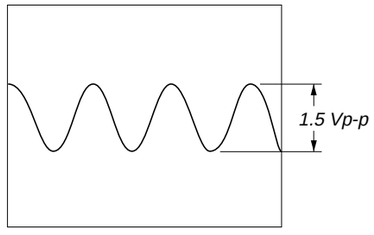


❹ IC101 ㊴ (FE) (CD Play Mode)



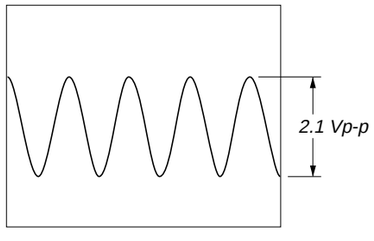
– MAIN Board –

❶ IC501 ⑩ (XC-IN)



32.768 kHz

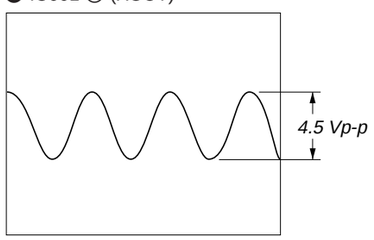
❷ IC501 ⑮ (XIN)



16 MHz

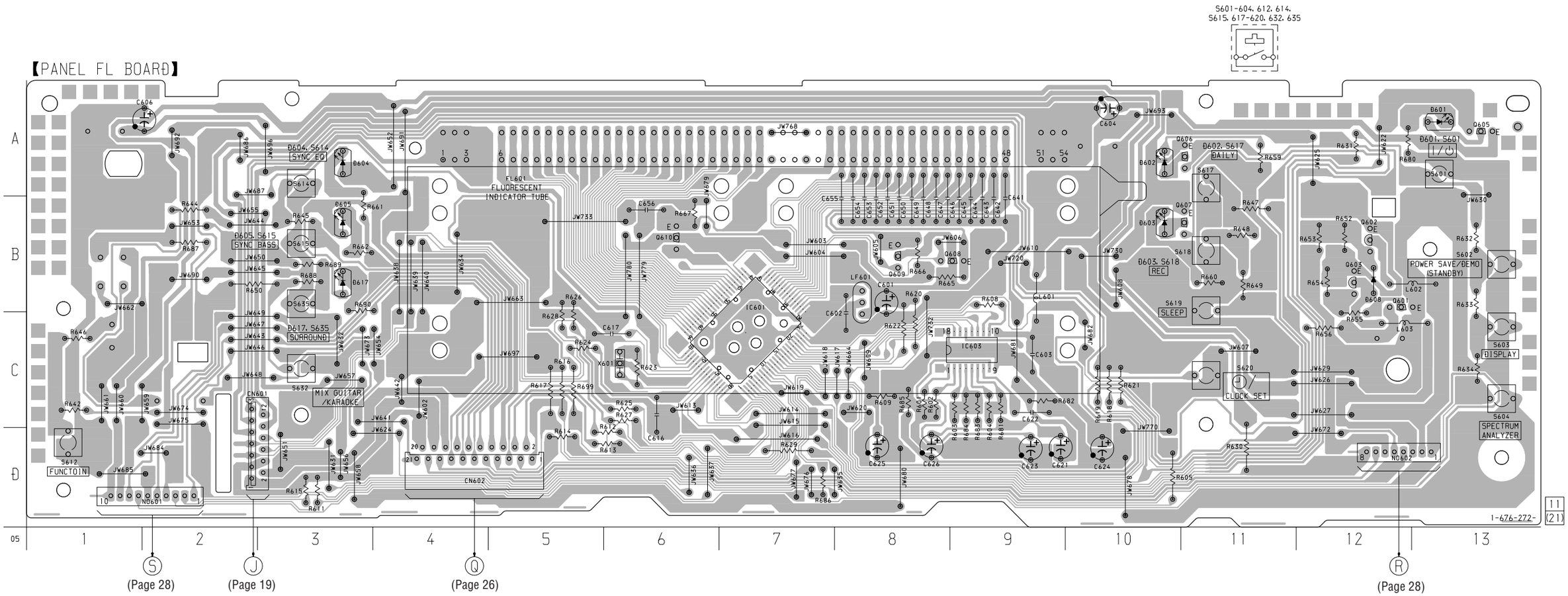
– PANEL FL Board –

❶ IC601 ㉜ (XOUT)



12.5 MHz

4-14. PRINTED WIRING BOARD – PANEL FL Board – • See page 11 for Circuit Boards Location.

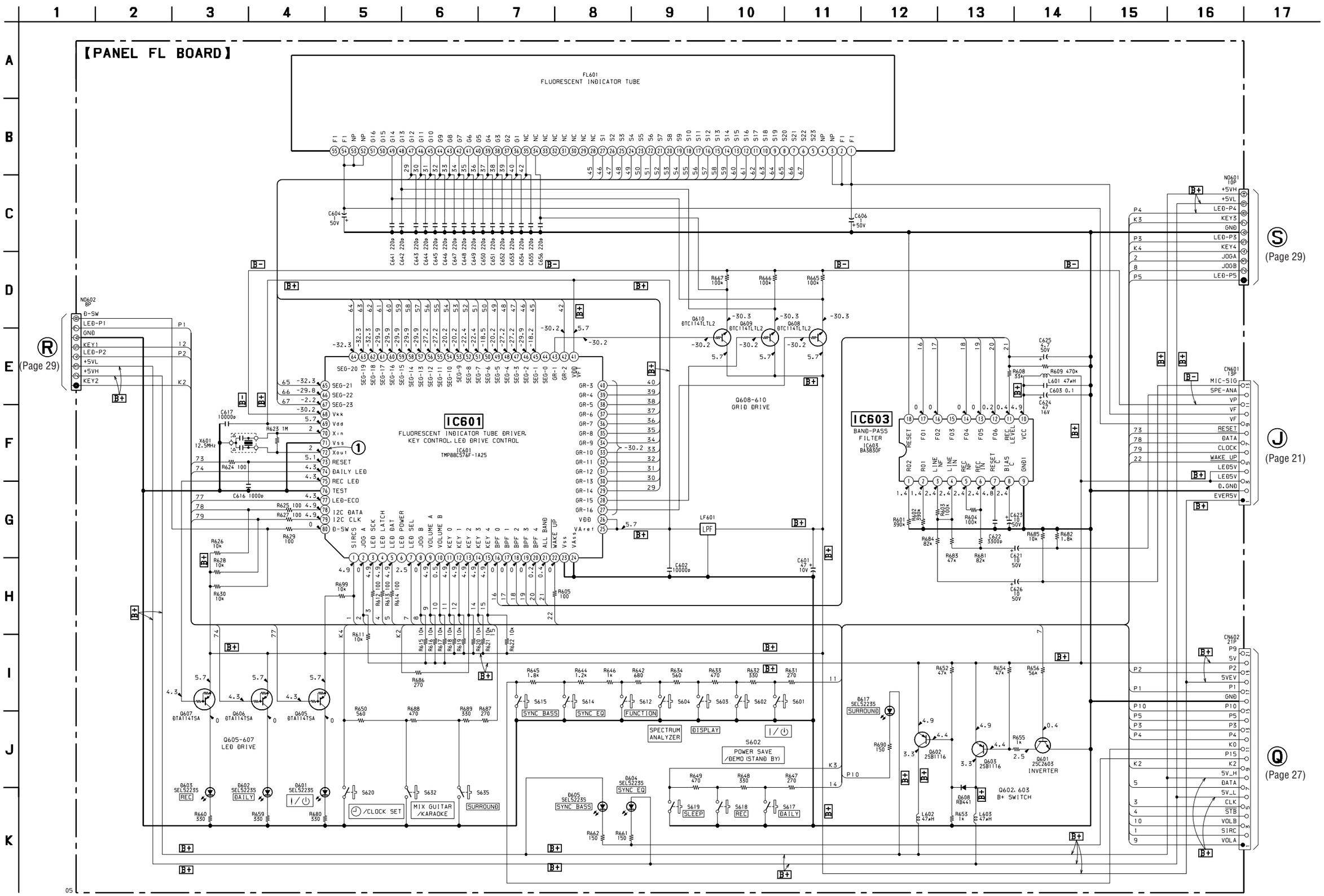


- **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location
D601	A-13	Q601	B-12
D602	A-10	Q602	B-12
D603	B-10	Q603	B-12
D604	A-3	Q605	A-13
D605	B-3	Q606	A-11
D608	B-12	Q607	B-11
D617	B-3	Q608	B-9
		Q609	B-8
IC601	C-7	Q610	B-6
IC603	C-9		

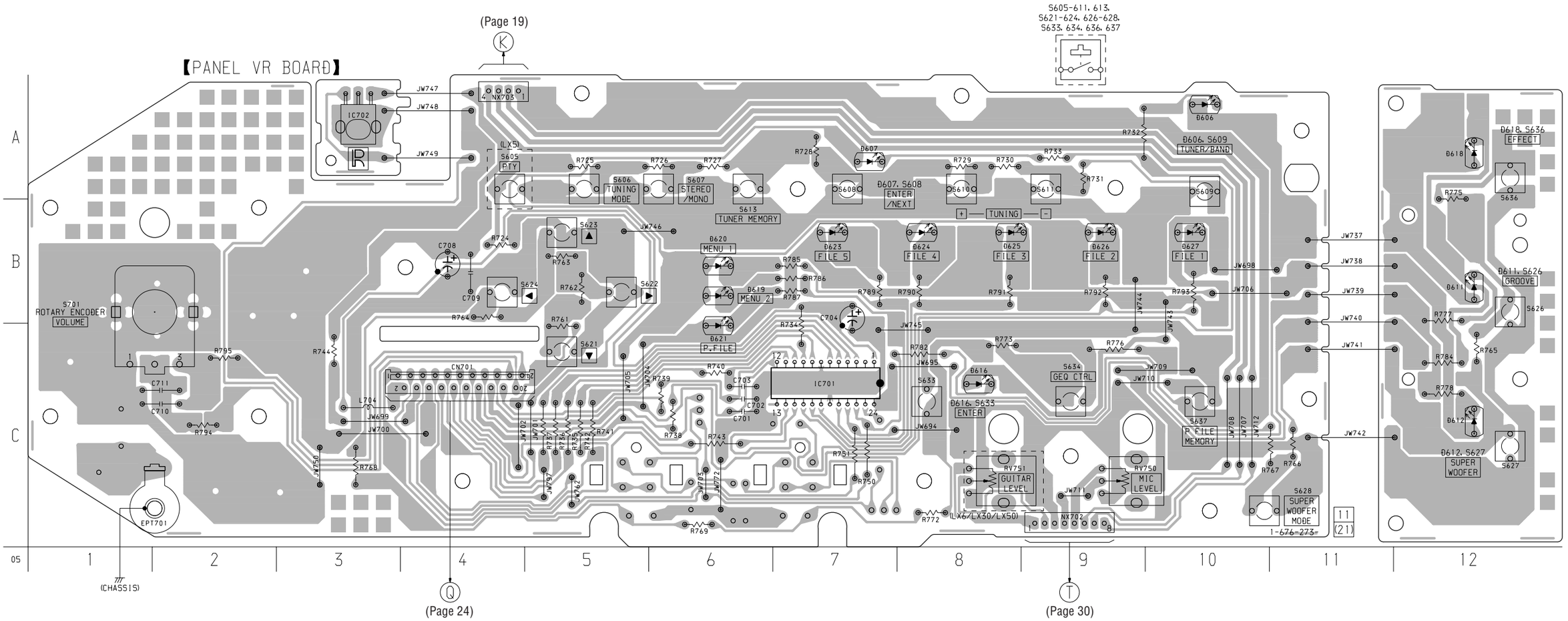
4-15. SCHEMATIC DIAGRAM – PANEL FL Board –

• See page 23 for Waveforms. • See page 36 for IC Block Diagrams.



• Voltages are dc with respect to ground under no-signal (detuned) conditions.
no mark : FM

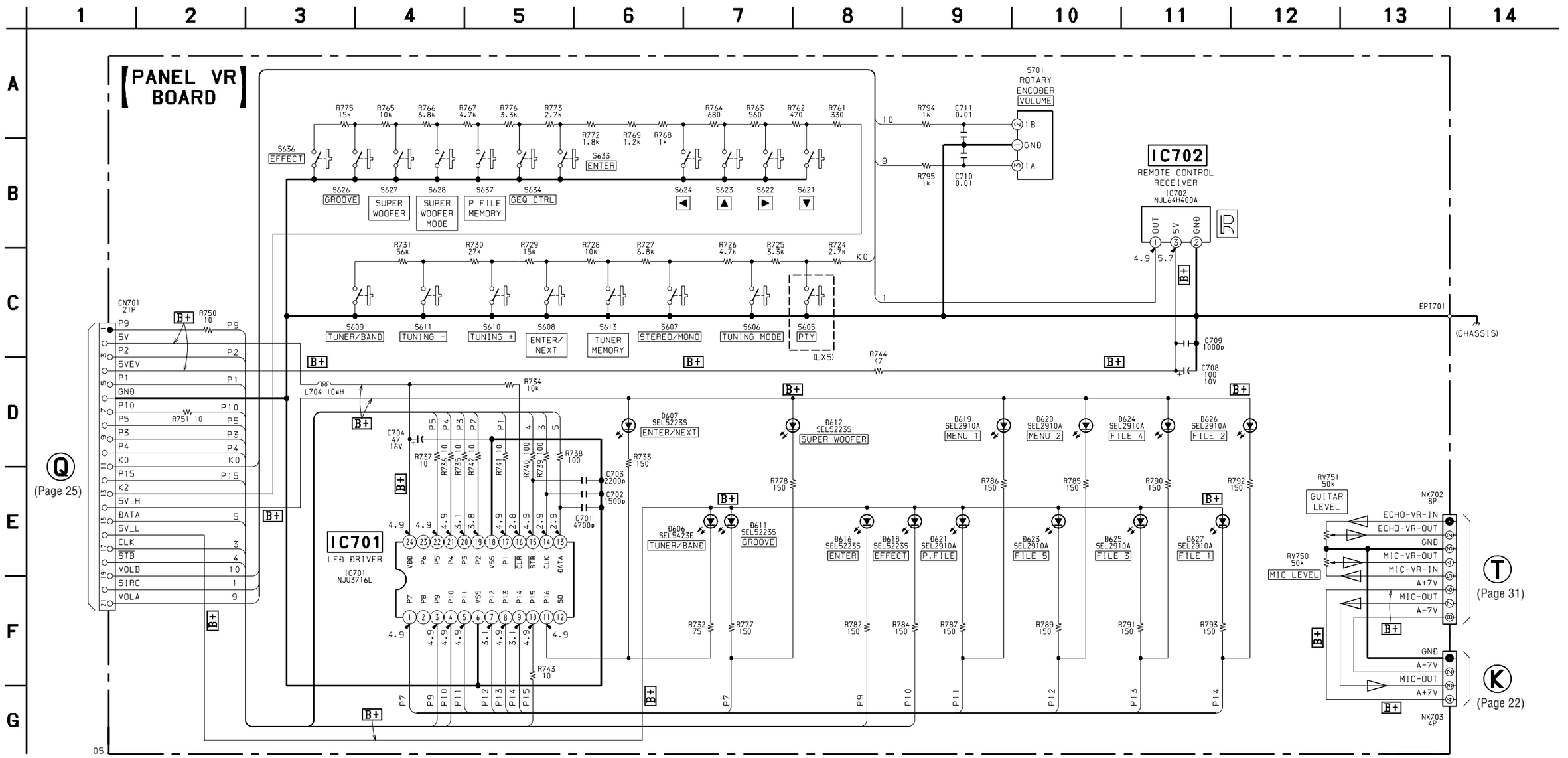
4-16. PRINTED WIRING BOARD – PANEL VR Board – • See page 11 for Circuit Boards Location.



- **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location
D606	A-10	D623	B-7
D607	A-7	D624	B-8
D611	B-12	D625	B-8
D612	C-12	D626	B-9
D616	C-8	D627	B-10
D618	A-12		
D619	B-6	IC701	C-7
D620	B-6	IC702	A-3
D621	C-6		

4-17. SCHEMATIC DIAGRAM – PANEL VR Board – • See page 36 for IC Block Diagrams.

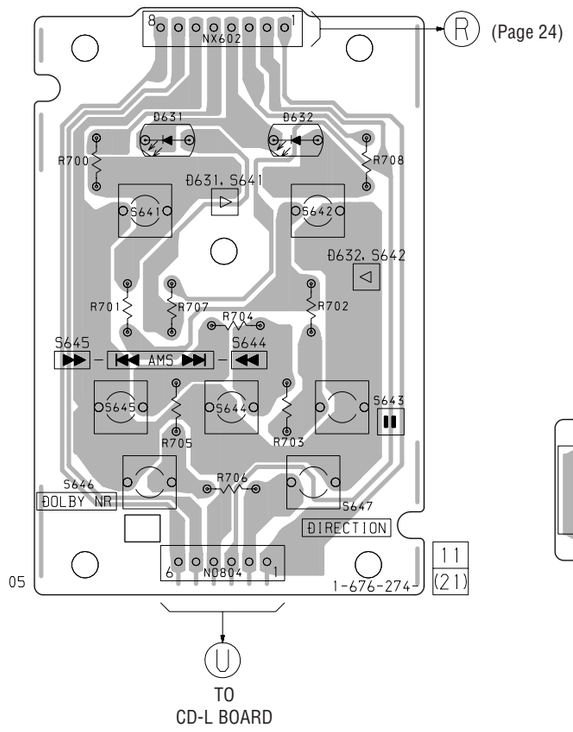


• Voltages are dc with respect to ground under no-signal (detuned) conditions.
no mark : FM

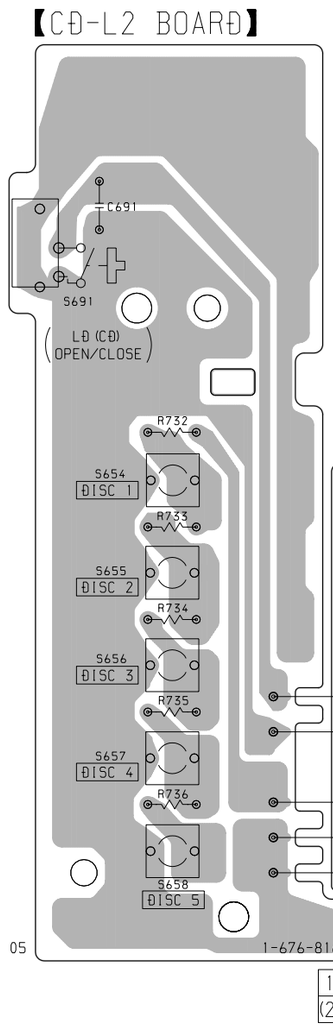
4-18. PRINTED WIRING BOARDS – TC-A/TC-B/CD-L/CD-L2/CD-R/CD-R2 Boards –

• See page 11 for Circuit Boards Location.

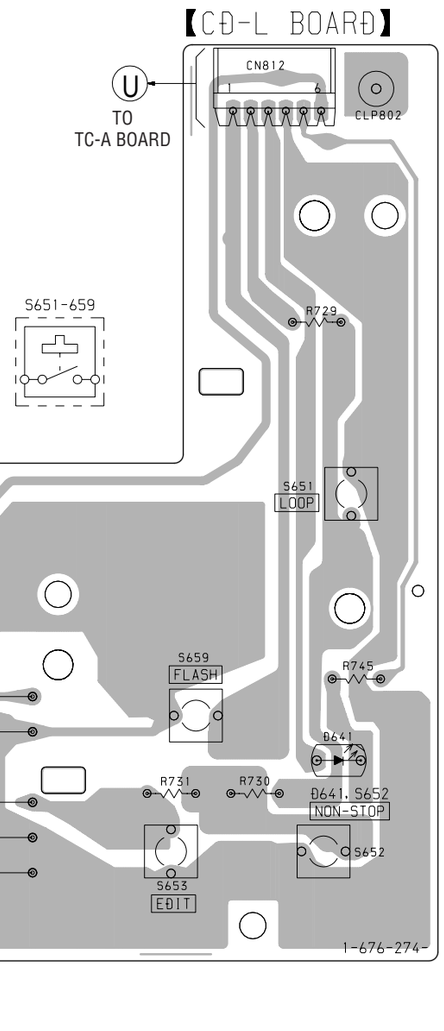
【TC-A BOARD】



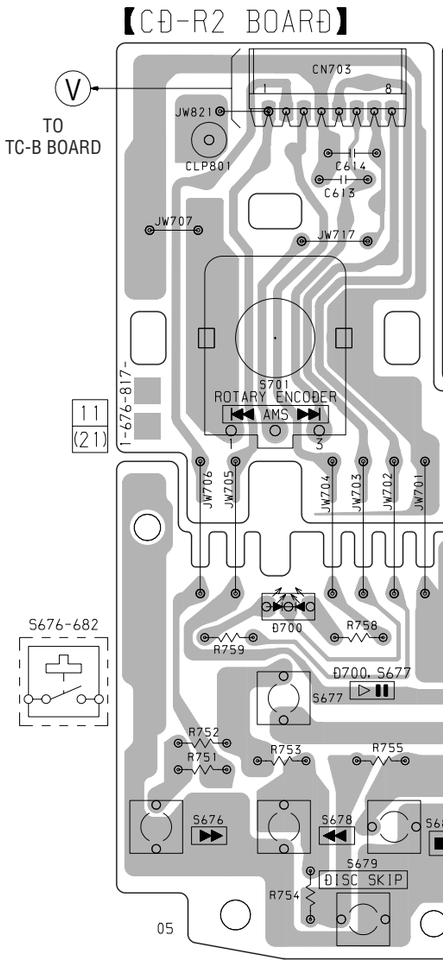
【CD-L2 BOARD】



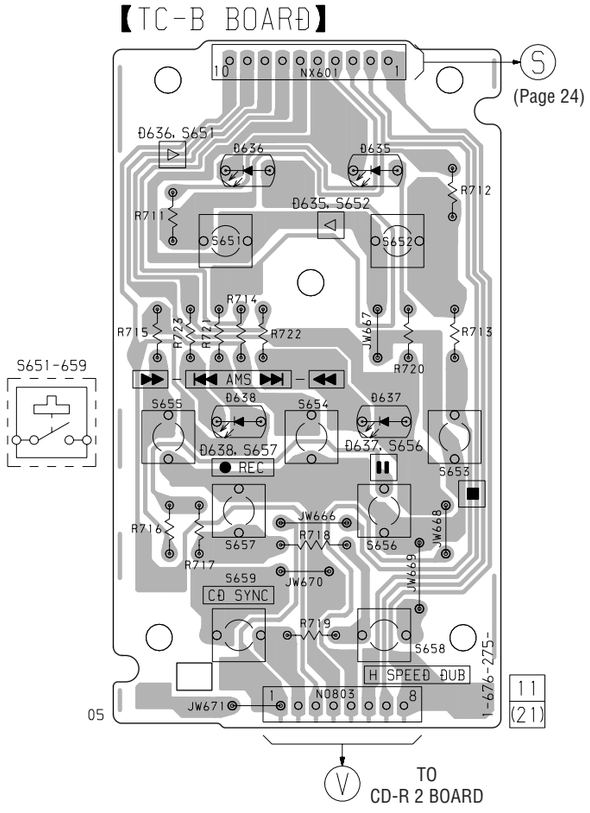
【CD-L BOARD】



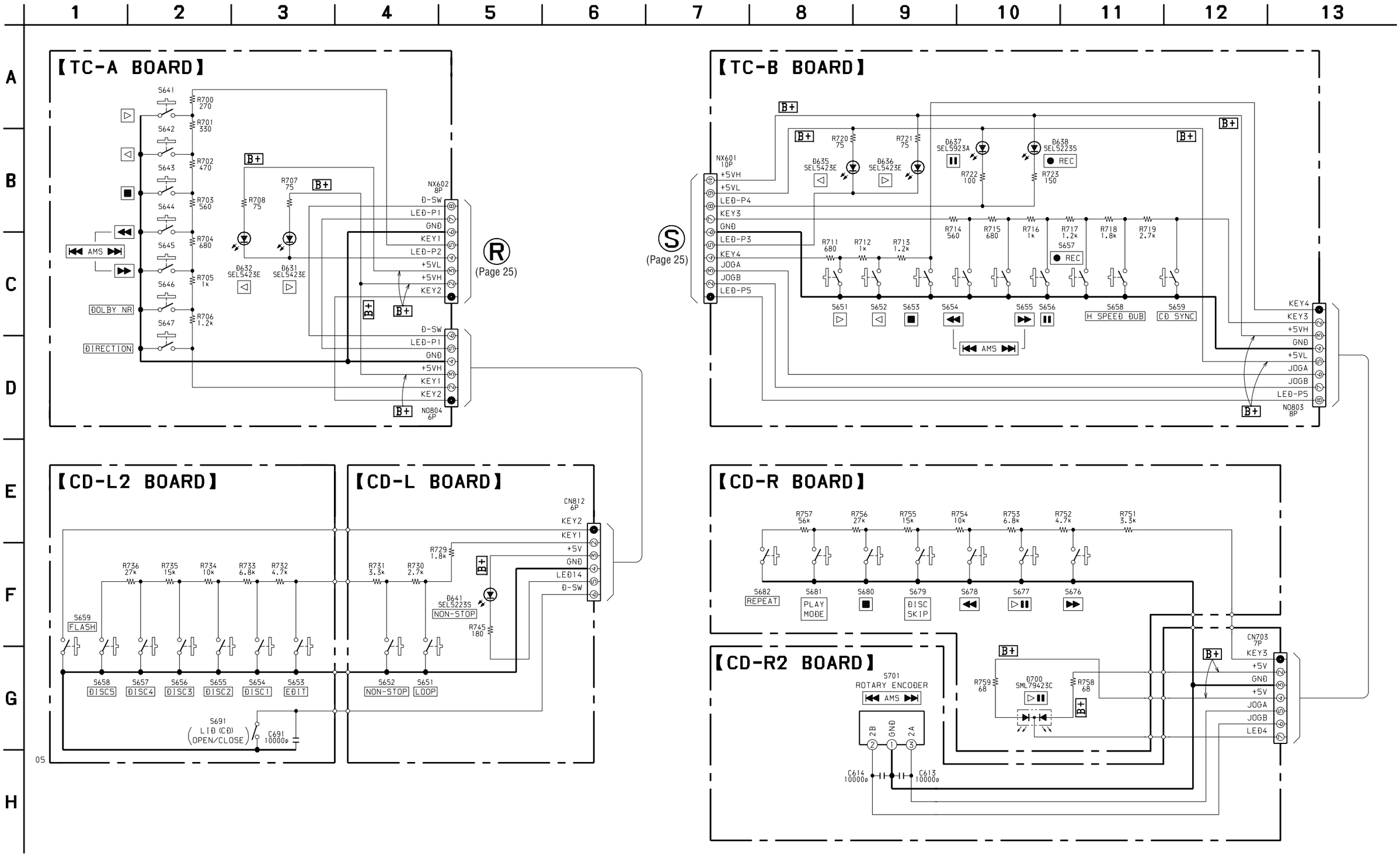
【CD-R2 BOARD】



【TC-B BOARD】

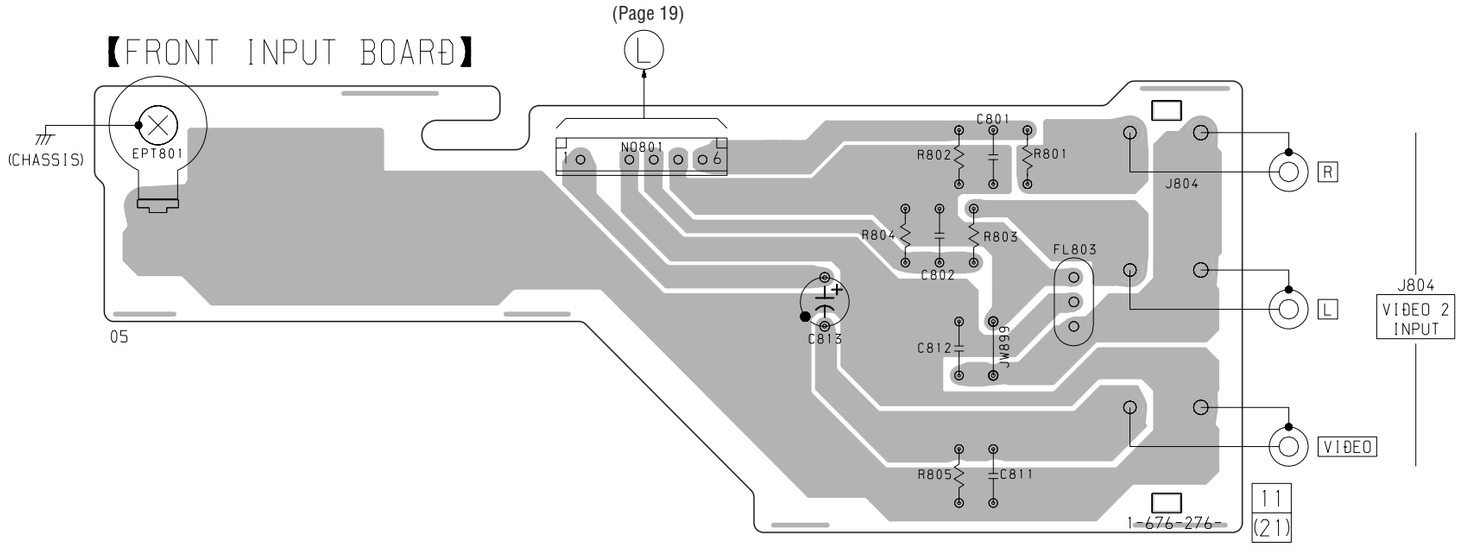


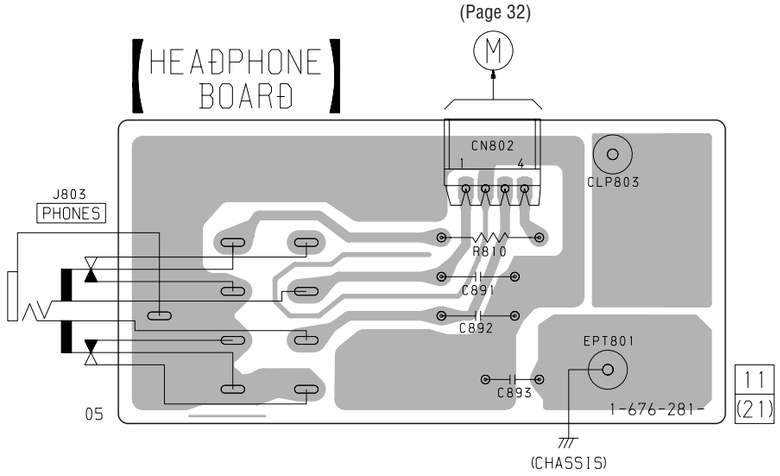
4-19. SCHEMATIC DIAGRAM – TC-A/TC-B/CD-L/CD-L2/CD-R/CD-R2 Boards –

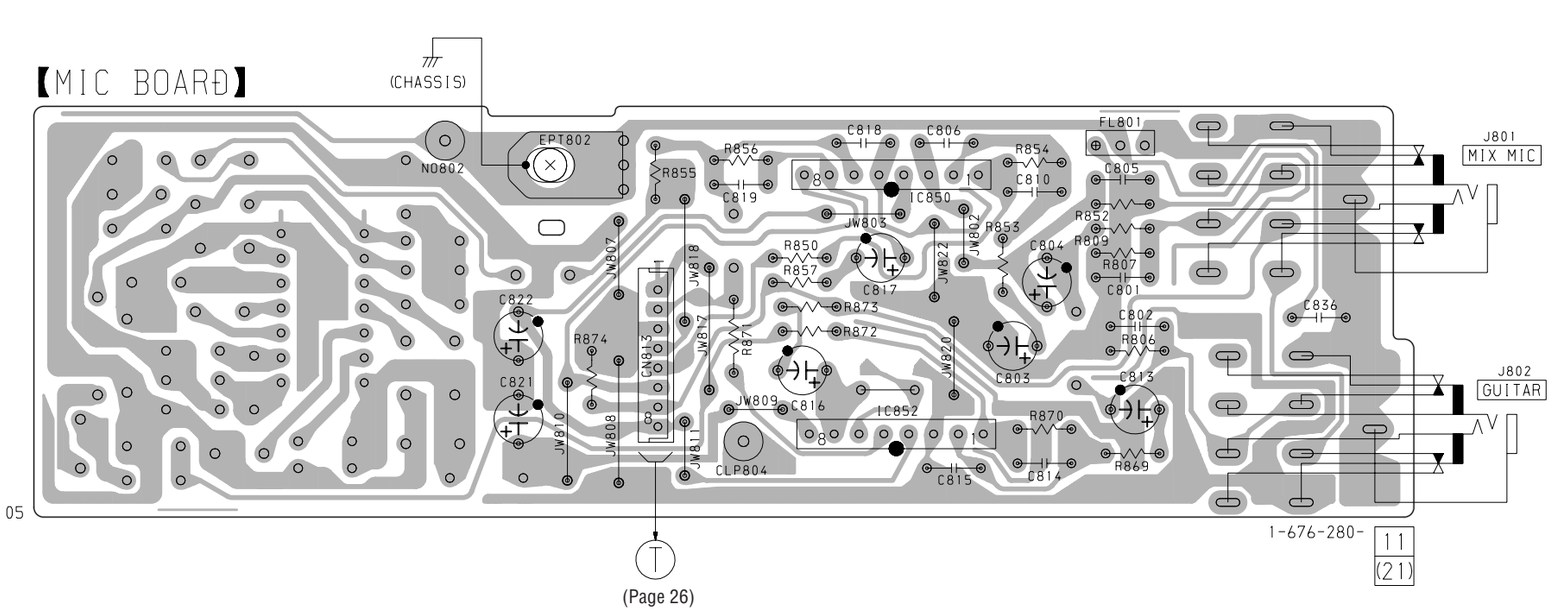


- Voltages are dc with respect to ground under no-signal (detuned) conditions.
  no mark : FM

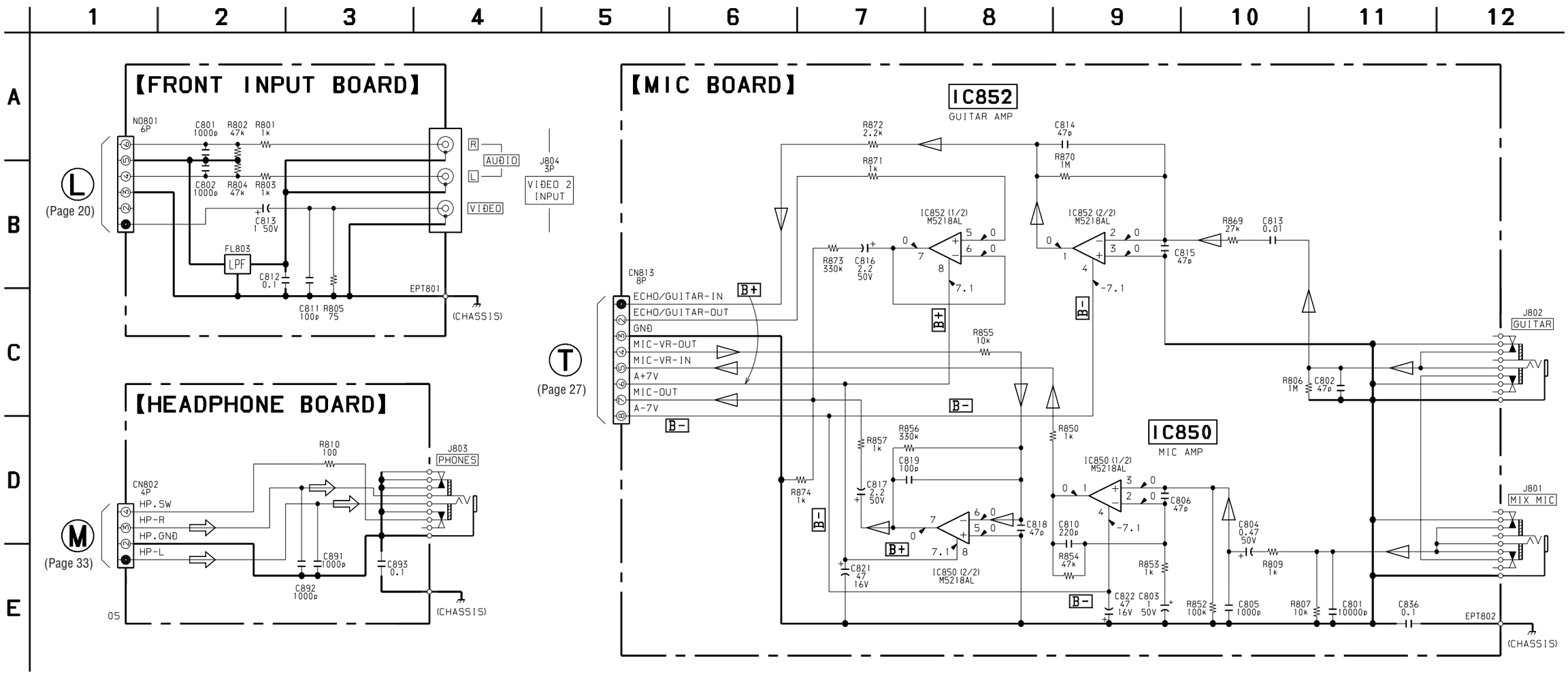
4-20. PRINTED WIRING BOARDS – FRONT INPUT/HEADPHONE/MIC Boards – • See page 11 for Circuit Boards Location.







4-21. SCHEMATIC DIAGRAM – FRONT INPUT/HEADPHONE/MIC Boards –

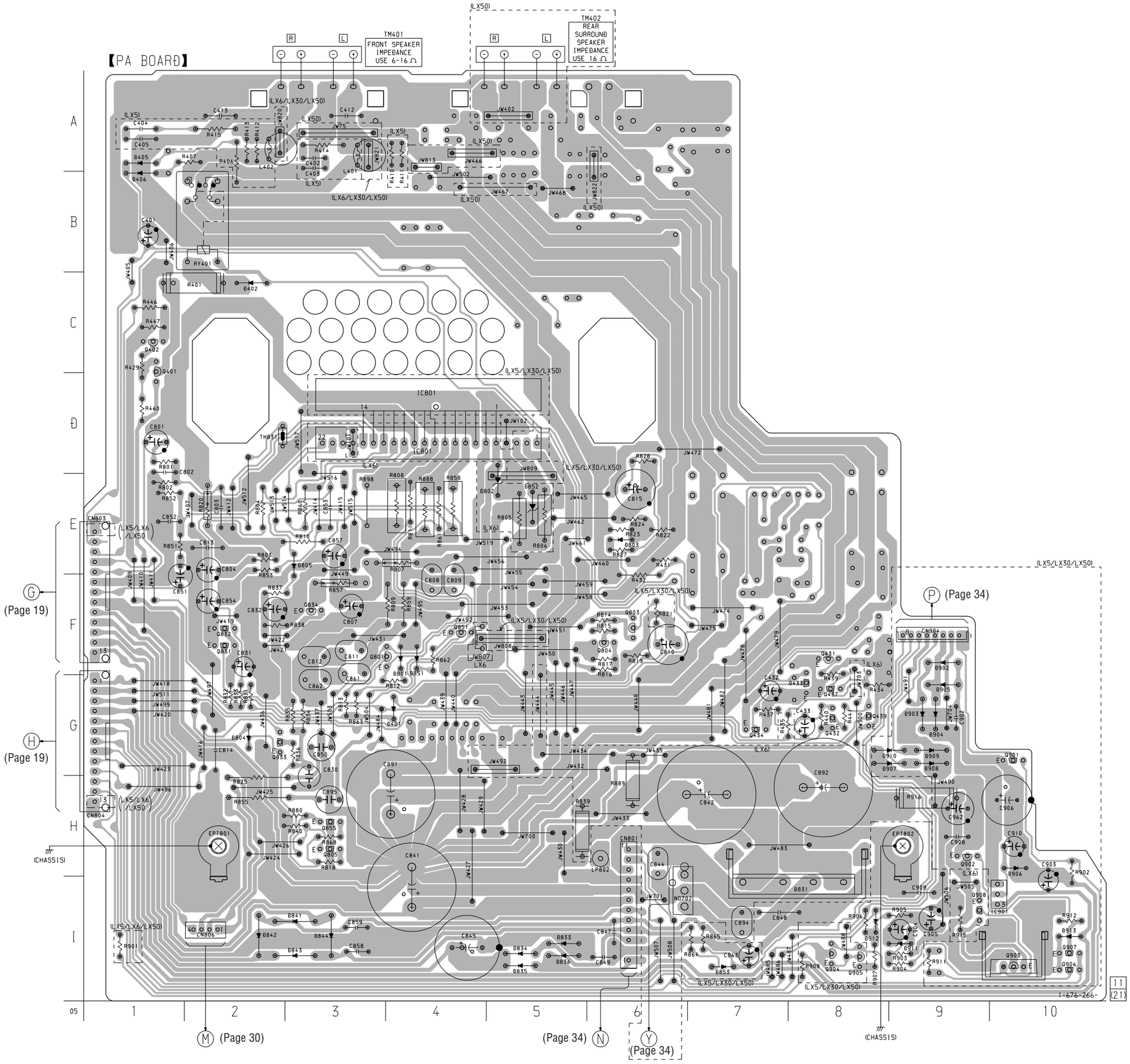


- Voltages are dc with respect to ground under no-signal (detuned) conditions.
  no mark : FM

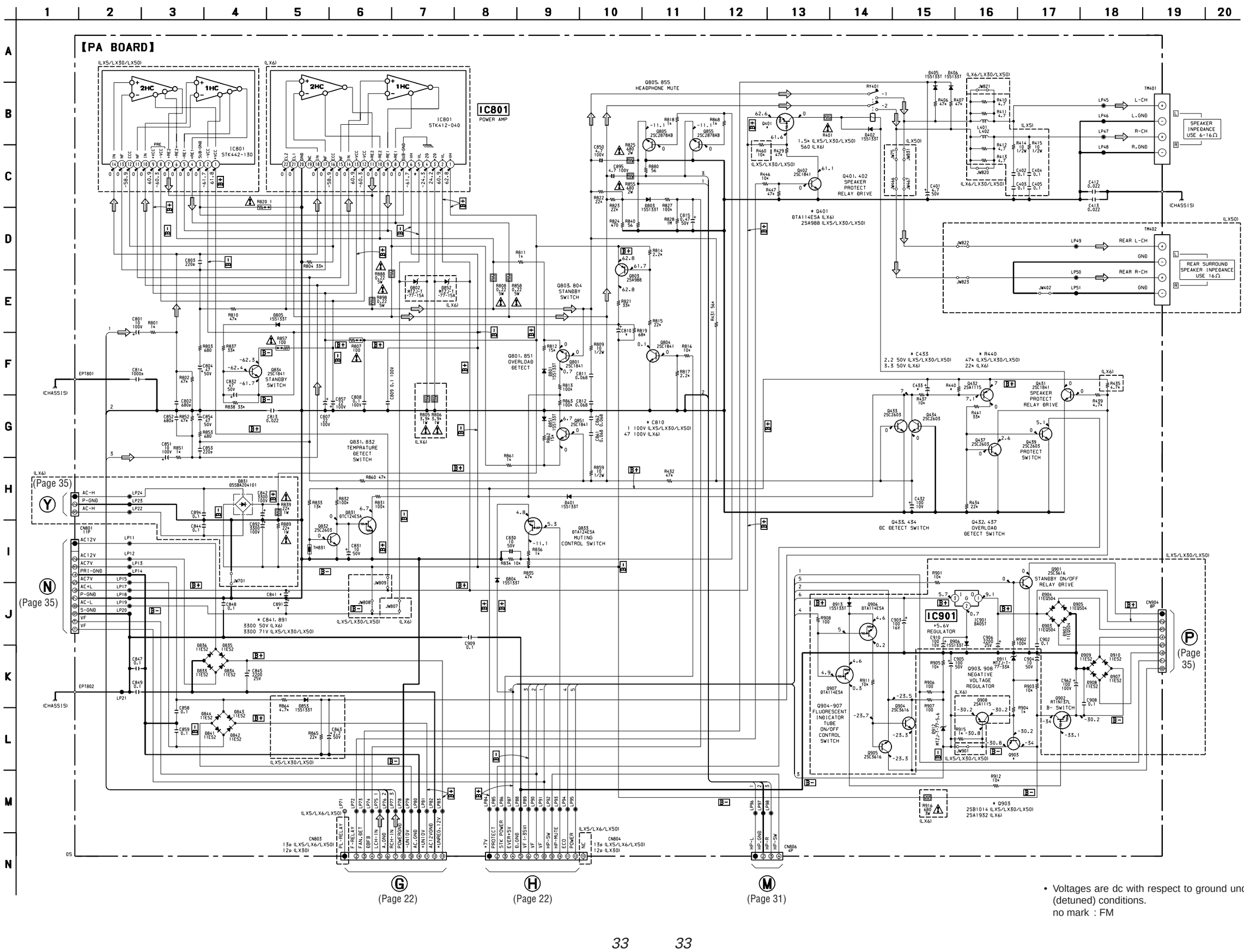
4-22. PRINTED WIRING BOARD – PA Board – • See page 11 for Circuit Boards Location.

- **Semiconductor Location**

Ref. No.	Location
D401	G-4
D402	C-2
D405	A-1
D406	B-1
D801	F-4
D802	E-5
D803	E-6
D804	G-2
D805	E-3
D831	I-8
D833	I-5
D834	I-5
D835	I-5
D836	I-5
D841	I-3
D842	I-2
D843	I-3
D844	I-3
D851	F-4
D852	E-5
D853	I-7
D902	F-9
D903	G-9
D904	G-9
D905	G-9
D906	H-10
D907	G-8
D908	G-9
D909	G-9
D910	G-8
D911	I-9
D912	I-8
D913	I-10
IC801	D-4
IC901	I-10
Q401	C-1
Q402	C-1
Q431	F-8
Q432	G-8
Q433	G-8
Q434	G-7
Q437	G-8
Q439	G-8
Q801	F-3
Q803	F-6
Q804	F-6
Q805	H-3
Q831	F-2
Q832	F-2
Q833	G-2
Q834	F-3
Q851	F-4
Q855	H-3
Q901	G-10
Q902	H-9
Q903	I-10
Q904	I-8
Q905	I-8
Q906	I-10
Q907	I-10
Q908	I-9



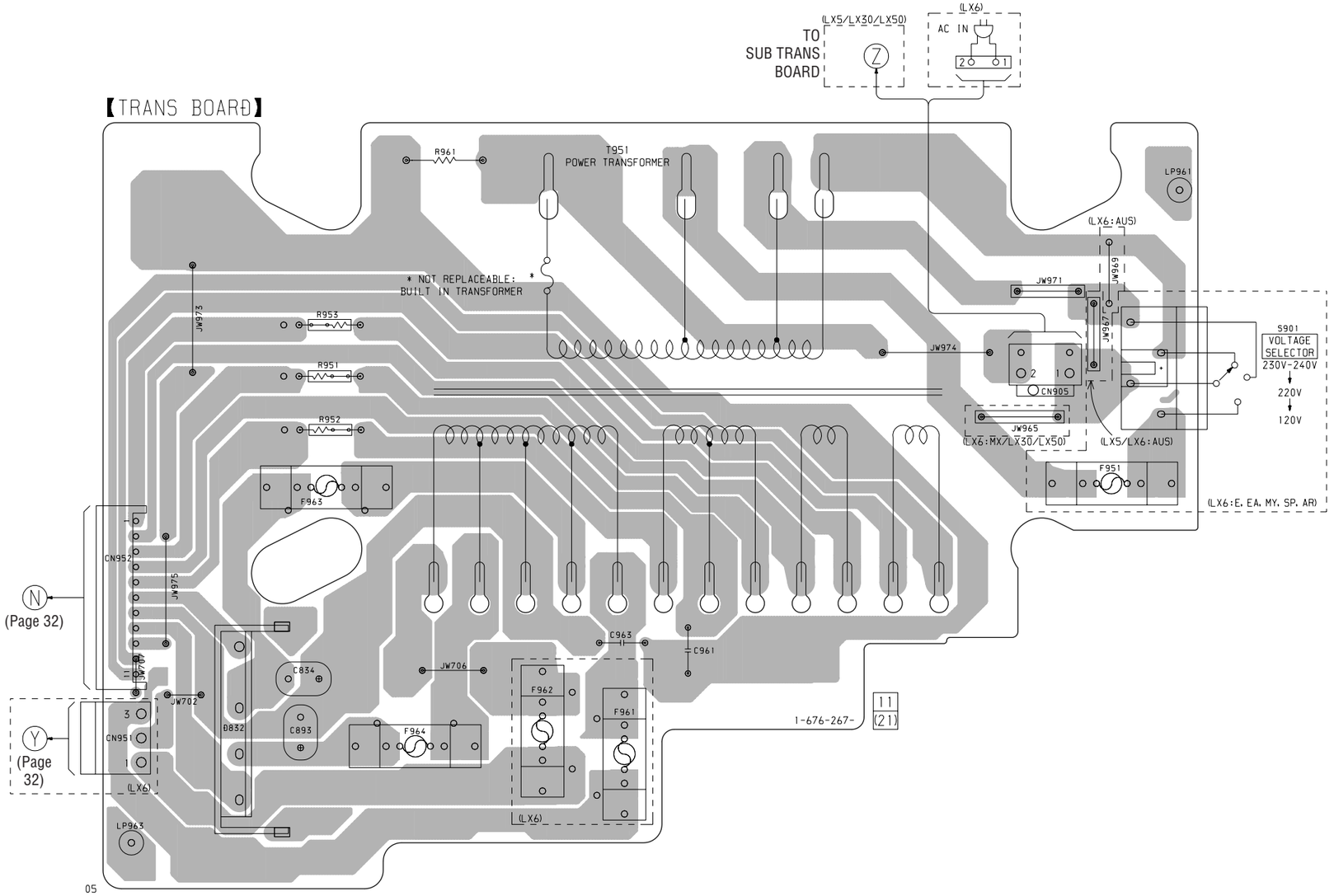
4-23. SCHEMATIC DIAGRAM – PA Board –

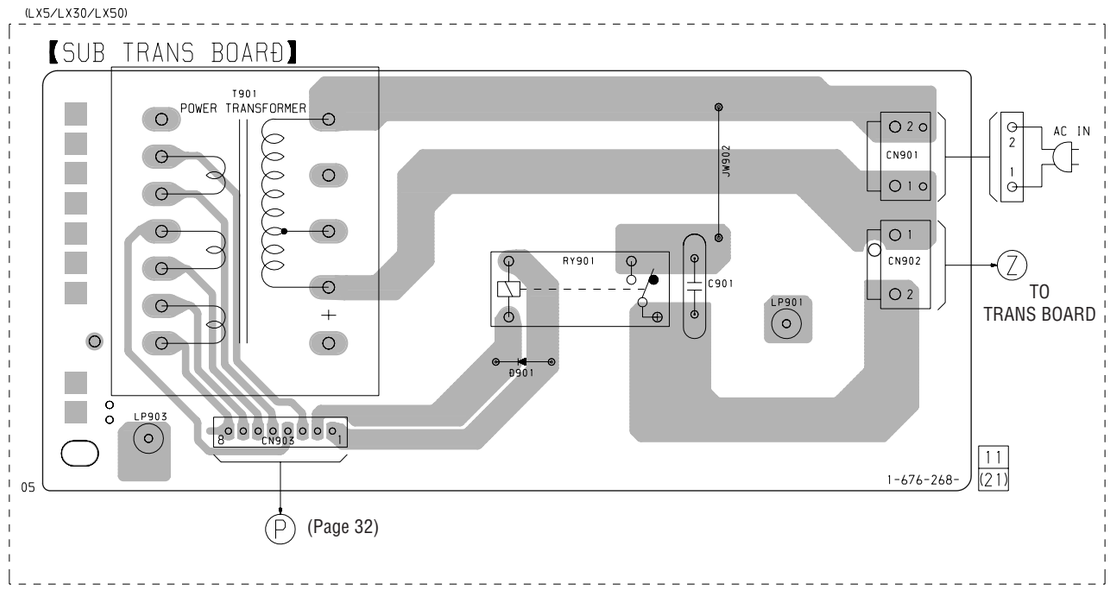

【PA BOARD】
IC801
POWER AMP
IC801 STK412-040
IC801 STK442-130
Q805. 855 HEADPHONE MUTE
Q803. 804 STANDBY SWITCH
Q801. 851 OVERLOAD DETECT
Q831. 832 TEMPRATURE DETECT SWITCH
Q834 2SC1841 STANDBY SWITCH
Q401. 402 SPEAKER PROTECT RELAY DRIVE
Q433. 434 DC DETECT SWITCH
Q432. 437 OVERLOAD DETECT SWITCH
Q451 2SC1841 SPEAKER PROTECT RELAY DRIVE
Q439 2SC2603 PROTECT SWITCH
Q833 DTA124ESA MUTING CONTROL SWITCH
Q901 2SC5616 STANDBY ON/OFF RELAY DRIVE
IC901 +5.6V REGULATOR
Q903. 908 NEGATIVE VOLTAGE REGULATOR
Q904-907 FLUORESCENT INDICATOR TUBE ON/OFF CONTROL SWITCH
Q902 ATINI37L B- SWITCH
* Q401 DTA114ESA (LX6) 2SA988 (LX5/LX30/LX50)
* C433 2.2 50V (LX5/LX30/LX50) 3.3 50V (LX6)
* R440 47k (LX5/LX30/LX50) 22k (LX6)
* C810 1 100V (LX5/LX30/LX50) 47 100V (LX6)
* C841, 891 3300 50V (LX6) 3300 71V (LX5/LX30/LX50)
* Q903 2SB1014 (LX5/LX30/LX50) 2SA1932 (LX6)
SPEAKER INPEDANCE USE 6-16Ω
REAR SURROUND SPEAKER INPEDANCE USE 16Ω
TM401
TM402
(CHASSIS)
(Page 35)
(Page 22)
(Page 31)
(LX5/LX30/LX50)
(LX6)

- Voltages are dc with respect to ground under no-signal (detuned) conditions.
  no mark : FM

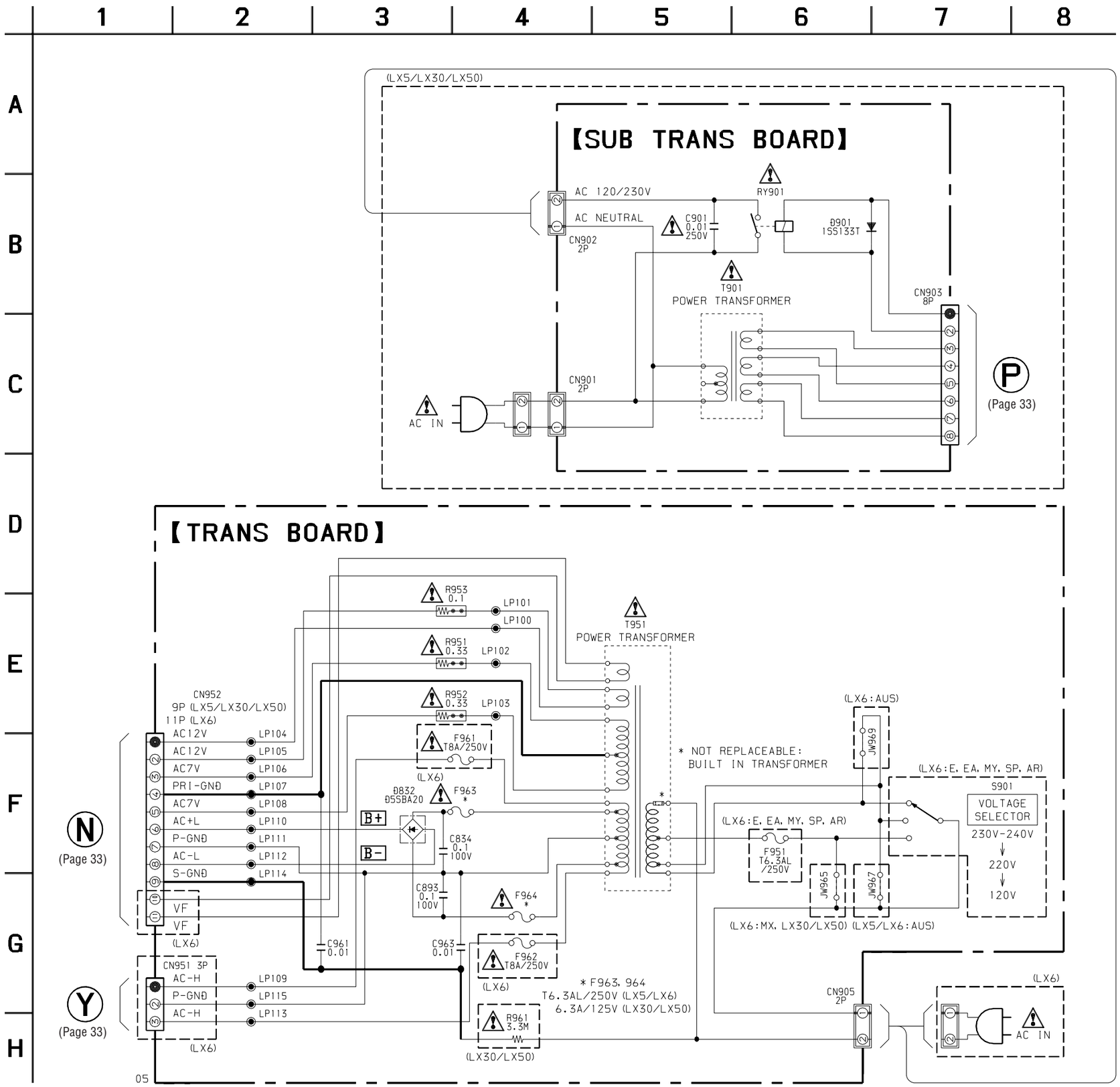
4-24. PRINTED WIRING BOARDS – TRANS/SUB TRANS (LX5/LX30/LX50) Boards –

• See page 11 for Circuit Boards Location.





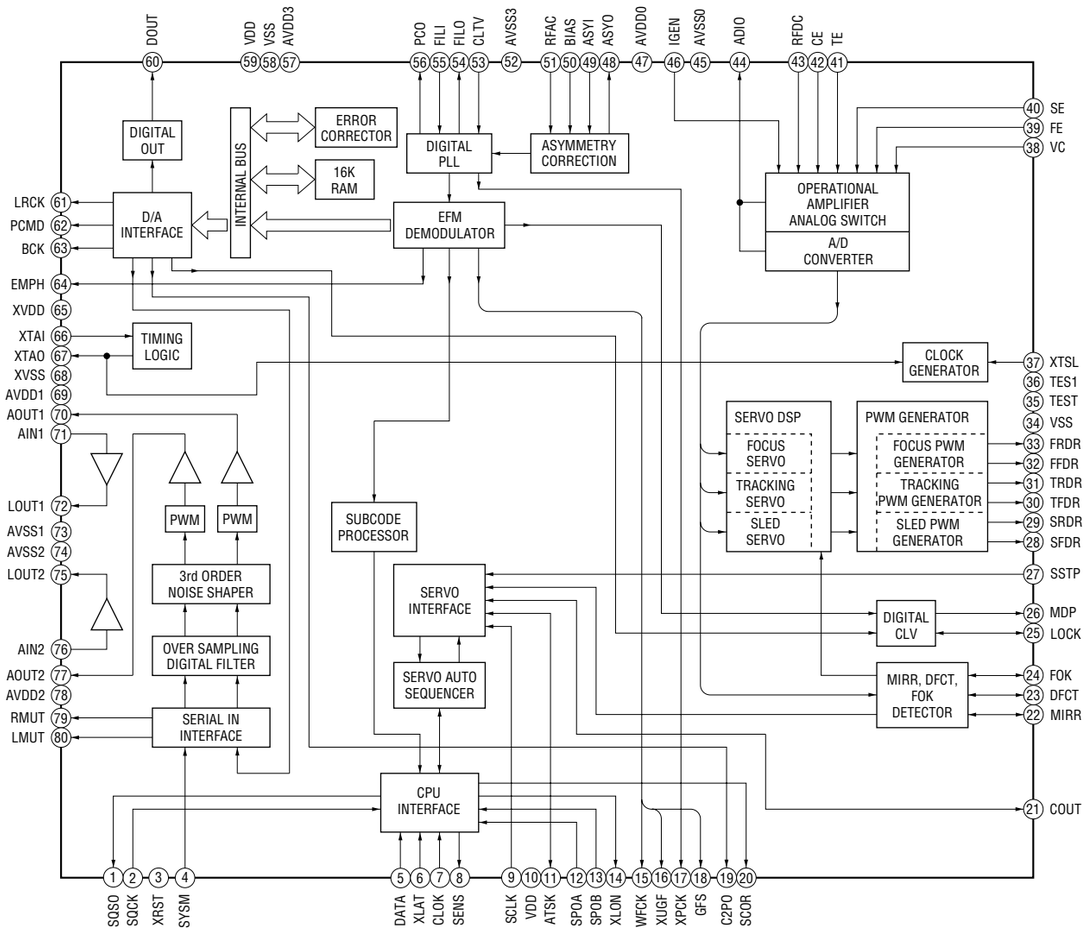
4-25. SCHEMATIC DIAGRAM – TRANS/SUB TRANS (LX5/LX30/LX50) Boards –



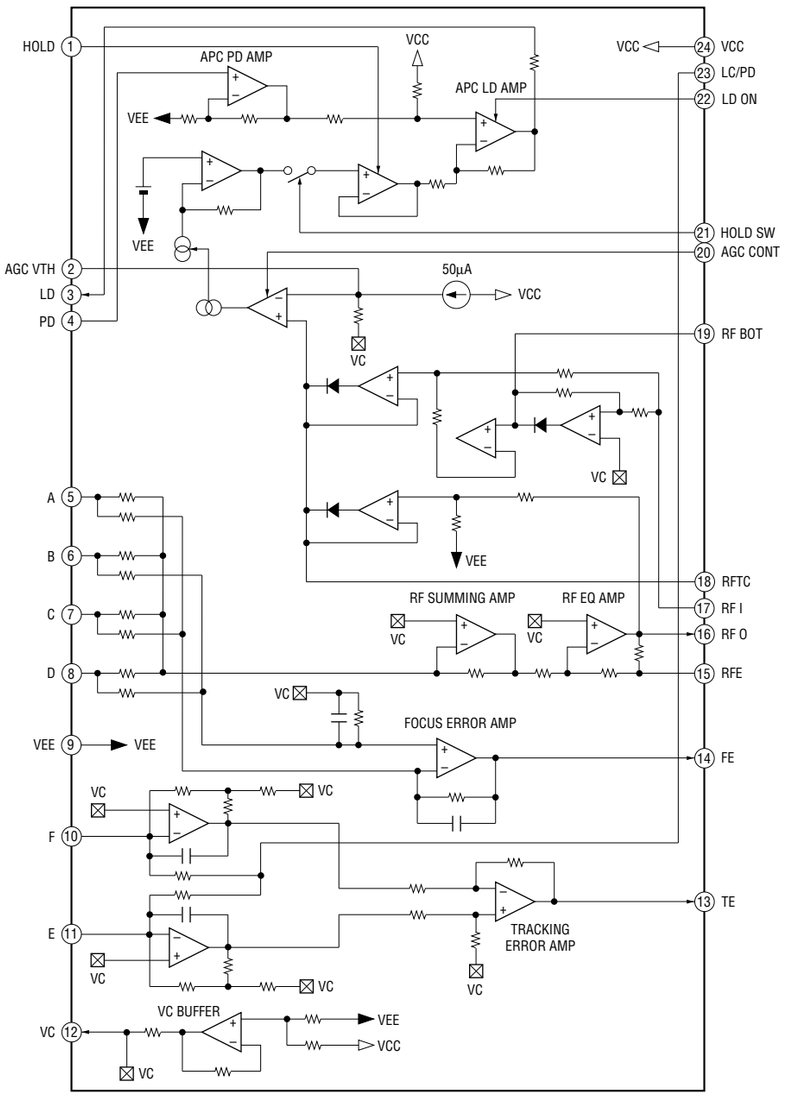
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

• **IC Block Diagrams**
– BD Board –

IC101 CXD2587Q

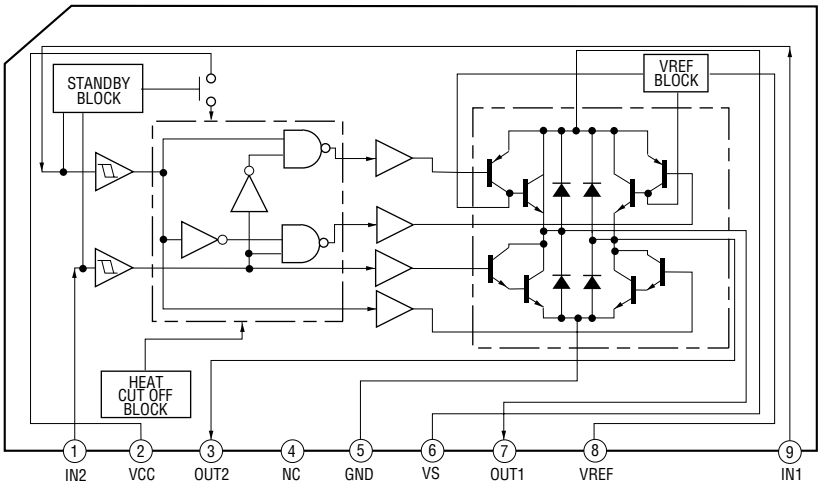


IC103 CXA2568M-T6



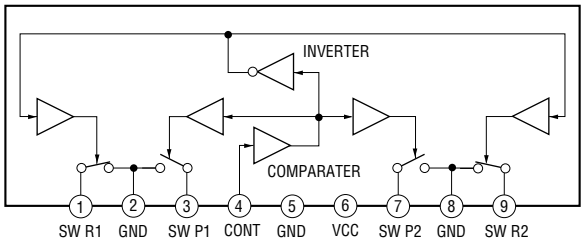
– CD MOTOR Board –

IC201 TA8409S



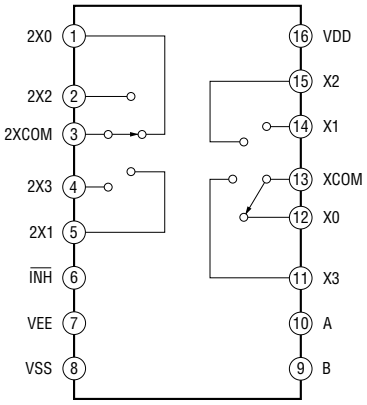
– AUDIO Board –

IC602 µPC1330HA



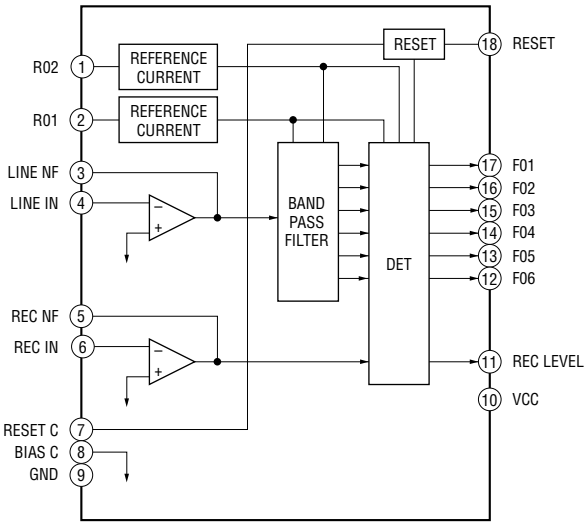
– MAIN Board –

IC181 MC14052BF



– PANEL FL Board –

IC603 BA3830F



SECTION 5
EXPLODED VIEWS

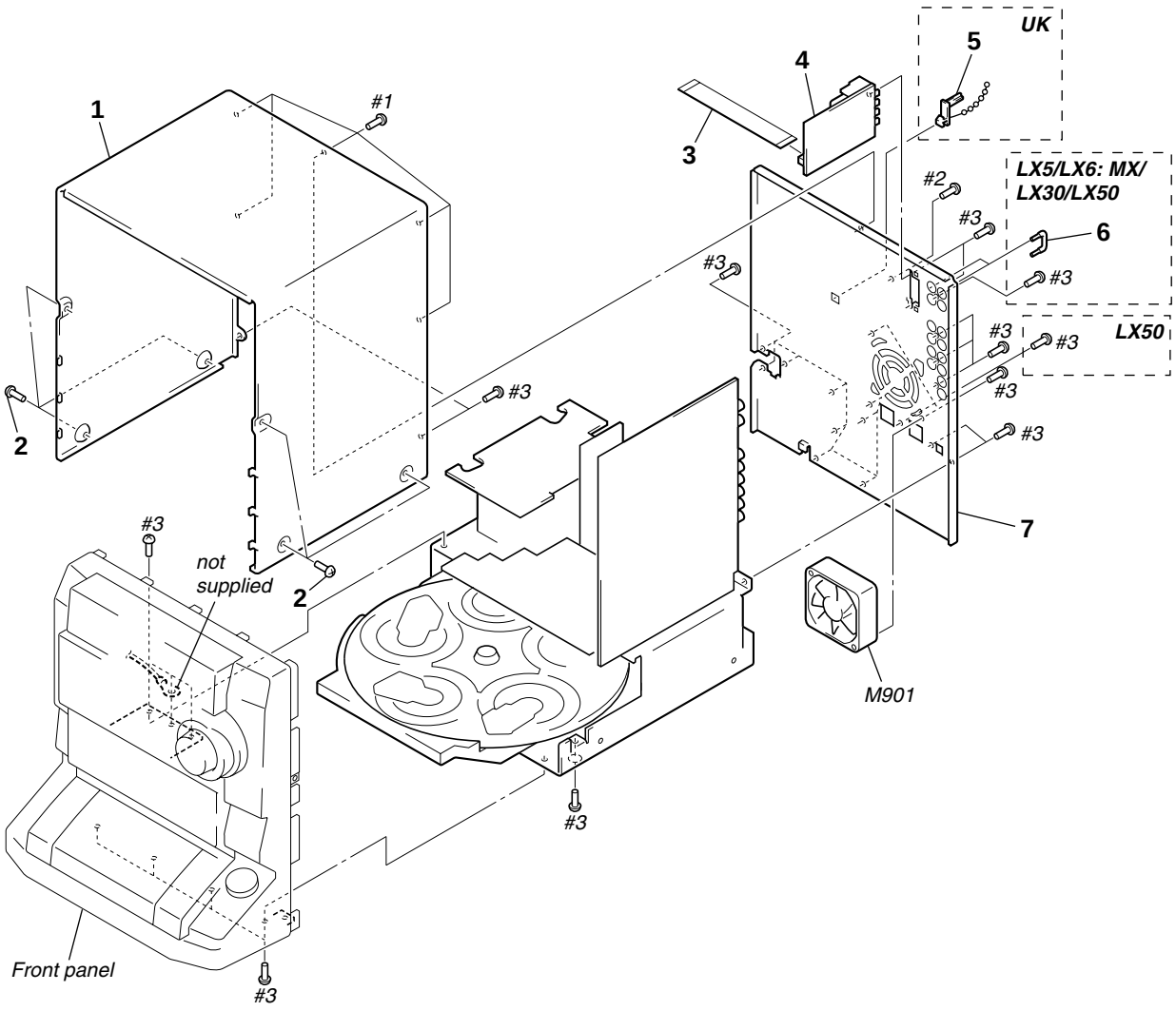
NOTE:

- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example:
  KNOB, BALANCE (WHITE) . . . (RED)
  ↑ ↑
  Parts Color Cabinet's Color
- Abbreviation
  AR : Argentine model MX : Mexican model
  AUS : Australian model MY : Malaysia model
  CND : Canadian model SP : Singapore model
  EA : Saudi Arabia model
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of the electrical parts list.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

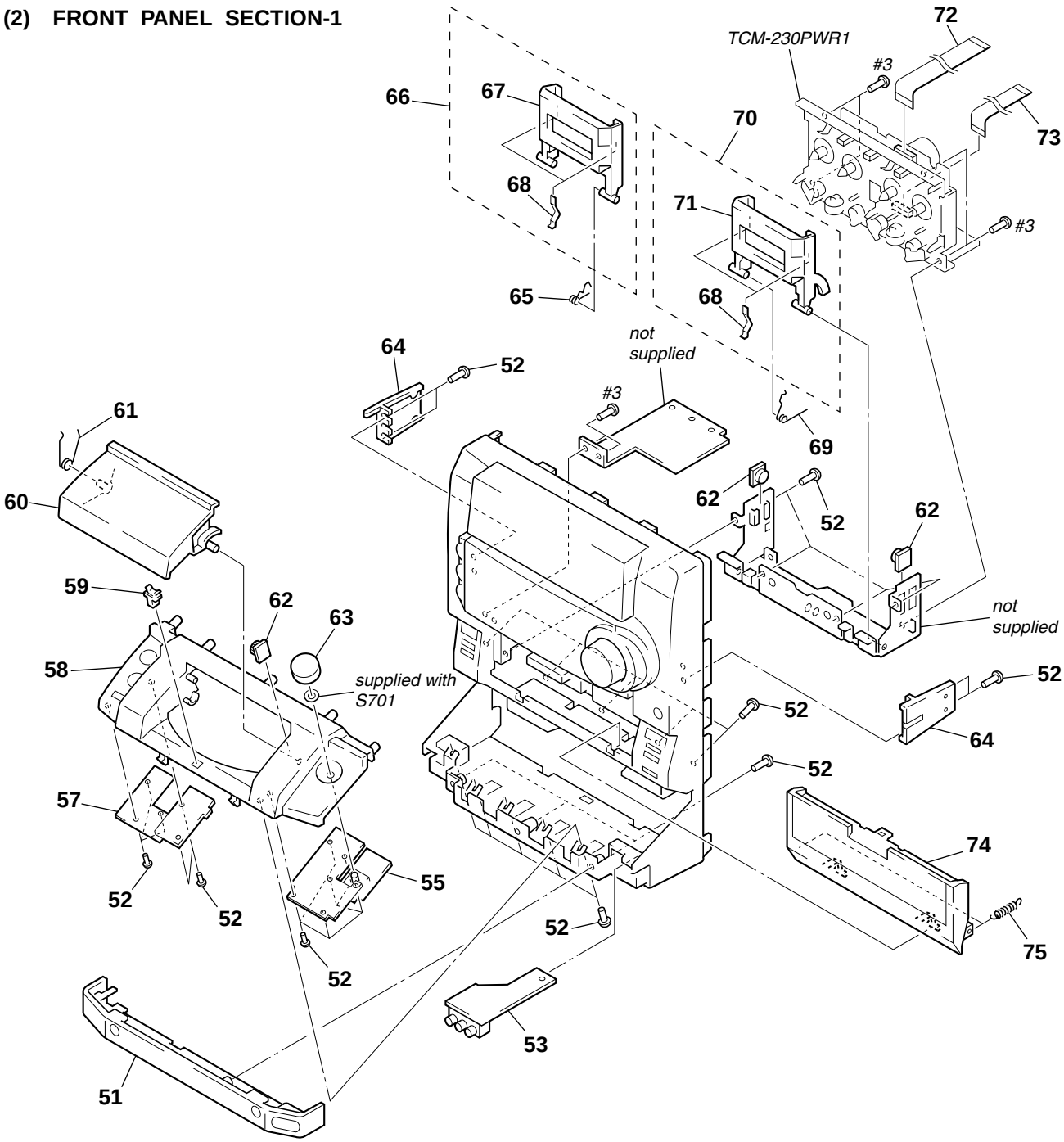
Les composants identifiés par une marque ⚠ sont critiquens pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

(1) CASE, BACK PANEL SECTION



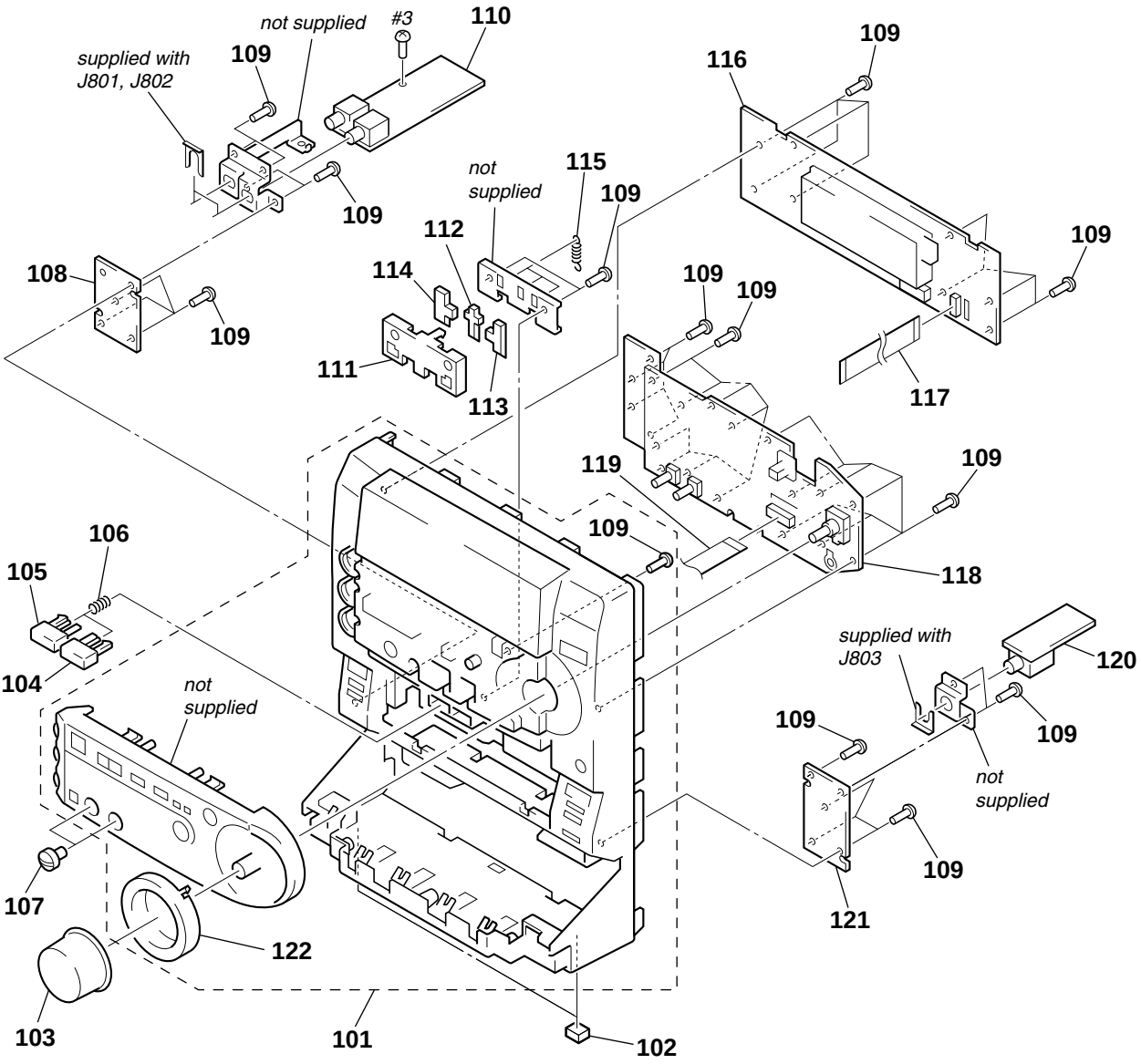
Ref. No.	Part No.	Description	Remark
1	4-214-777-51	CASE	
2	3-363-099-01	SCREW (CASE 3 TP2)	
3	1-773-009-11	WIRE (FLAT TYPE) (15 CORE) (LX5) (15cm)	
3	1-769-977-11	WIRE (FLAT TYPE) (13 CORE) (LX6/LX30/LX50) (15cm)	
4	1-693-484-11	TUNER (FM/AM) (LX6: E)	
4	1-693-486-11	TUNER (FM/AM) (LX30/LX50)	
4	1-693-488-11	TUNER (FM/AM) (LX6: EA, MY, SP, MX, AR, AUS)	
4	1-693-490-11	TUNER (FM/AM) (LX5)	
5	4-956-370-12	BAND, PLUG FIXED (UK)	
6	1-535-706-21	PLUG, JUMPER (LX5/LX6: MX/LX30/LX50)	
7	4-225-528-01	PANEL, BACK (LX50: US)	
7	4-225-528-11	PANEL, BACK (LX30)	
7	4-225-528-21	PANEL, BACK (LX5)	
7	4-225-528-31	PANEL, BACK (LX6: E, AR)	
7	4-225-528-41	PANEL, BACK (LX6: EA, MY, SP, MX, AUS/ LX50: CND)	
M901	1-763-072-11	FAN, D.C.	

(2) FRONT PANEL SECTION-1



Ref. No.	Part No.	Description	Remark
51	4-225-516-01	PLATE, ORNAMENTAL (LX50)	
51	4-225-516-11	PLATE, ORNAMENTAL (LX6)	
51	4-225-516-21	PLATE, ORNAMENTAL (LX5)	
51	4-226-062-31	PLATE, ORNAMENTAL (LX30)	
52	4-951-620-01	SCREW (2.6X8), +BVTP	
53	1-676-276-11	FRONT INPUT BOARD	
55	A-4428-177-A	CD-R BOARD, COMPLETE	
57	A-4428-176-A	CD-L BOARD, COMPLETE	
58	X-4952-462-1	PANEL (CD) ASSY, SUB	
59	4-040-472-01	LATCH, D.C.	
60	X-4952-466-1	LID (CD) ASSY	
61	4-225-524-01	SPRING (CD)	
62	4-224-104-21	DAMPER	
63	4-225-503-01	KNOB (CD)	
64	4-225-517-01	HOLDER (CASE)	
65	4-225-522-01	SPRING (DECK-A)	
66	X-4952-464-1	HOLDER (DECK-A) ASSY	
67	4-225-509-01	HOLDER (DECK-A)	
68	4-959-229-11	DETENT, CASSETTE	
69	4-225-523-01	SPRING (DECK-B)	
70	X-4952-465-1	HOLDER (DECK-B) ASSY	
71	4-225-510-01	HOLDER (DECK-B)	
72	1-773-056-11	WIRE (FLAT TYPE) (17 CORE)	
73	1-773-032-11	WIRE (FLAT TYPE) (15 CORE) (40cm)	
74	X-4952-504-1	LID (TC) ASSY	
75	4-225-521-01	SPRING (TC-LID)	

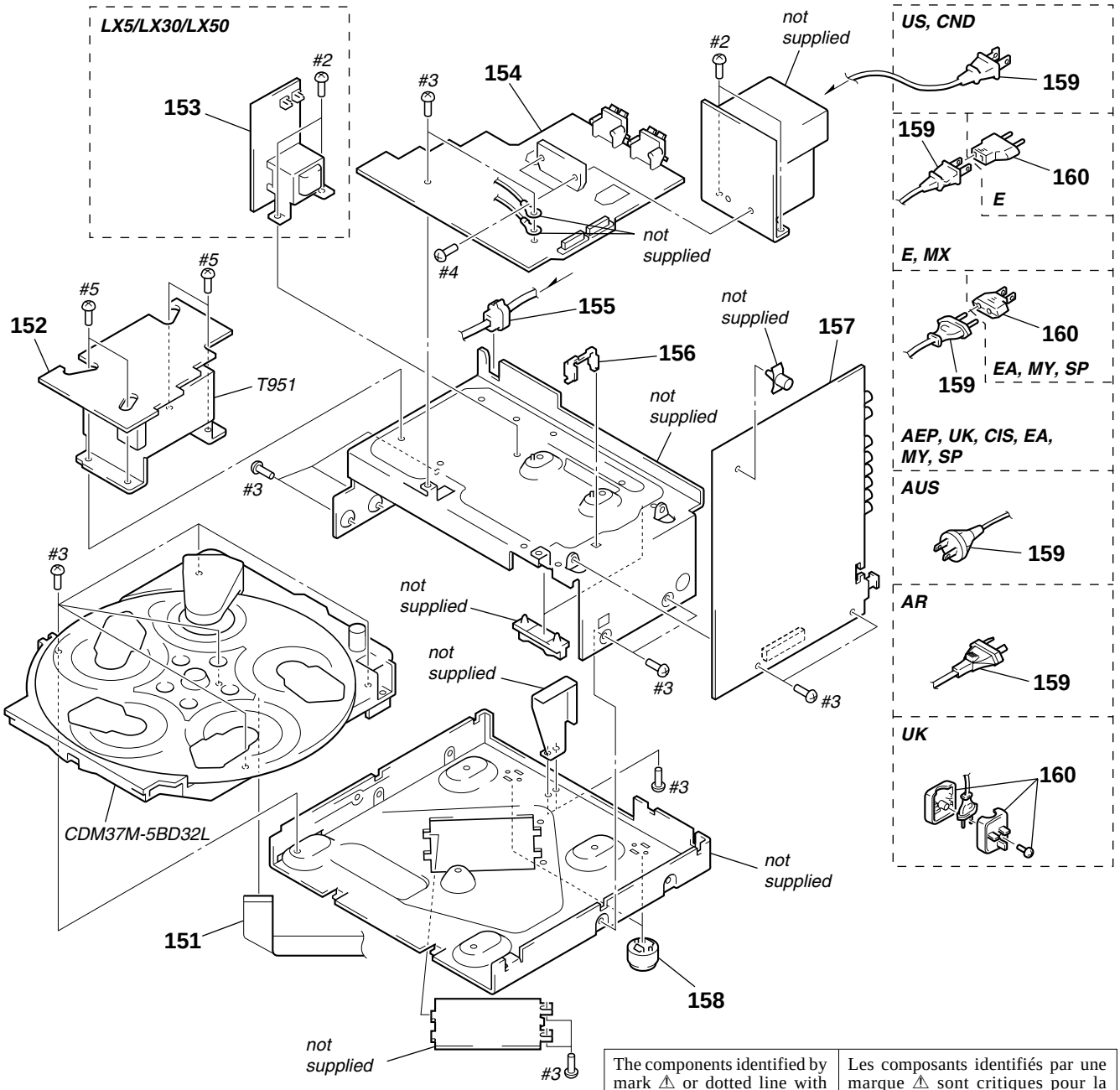
(3) FRONT PANEL SECTION-2



Ref. No.	Part No.	Description	Remark
101	X-4952-440-1	PANEL ASSY, FRONT (LX30/LX50)	
101	X-4952-441-1	PANEL ASSY, FRONT (LX6)	
101	X-4952-442-1	PANEL ASSY, FRONT (LX5)	
102	4-948-236-21	CUSHION (107)	
103	4-225-501-01	KNOB (VOL)	
104	4-226-888-01	LEVER (EJECT-B)	
105	4-226-887-01	LEVER (EJECT-A)	
106	4-226-537-01	SPRING (EJECT)	
107	4-225-502-01	KNOB (MIC) (LX6/LX30/LX50)	
107	4-225-502-11	KNOB (MIC) (LX5)	
108	1-676-274-11	TC-A BOARD	
109	4-951-620-01	SCREW (2.6X8), +BVTP	
110	A-4428-180-A	MIC BOARD, COMPLETE	

Ref. No.	Part No.	Description	Remark
111	4-226-883-01	COVER (EJECT)	
112	4-226-882-01	LEVER (EJECT-C)	
113	4-226-881-01	LEVER (EJECT-B)	
114	4-226-880-01	LEVER (EJECT-A)	
115	4-226-889-01	SPRING (LEVER)	
116	A-4428-165-A	PANEL FL BOARD, COMPLETE	
117	1-751-688-11	WIRE (FLAT TYPE) (13 CORE) (17cm)	
118	A-4428-168-A	PANEL VR BOARD, COMPLETE	(LX6/LX30/LX50)
118	A-4428-198-A	PANEL VR BOARD, COMPLETE (LX5)	
119	1-773-150-11	WIRE (FLAT TYPE) (21 CORE)	
120	1-676-281-11	HEADPHONE BOARD	
121	1-676-275-11	TC-B BOARD	
122	4-225-500-01	RING (VOL)	

(4) CHASSIS SECTION

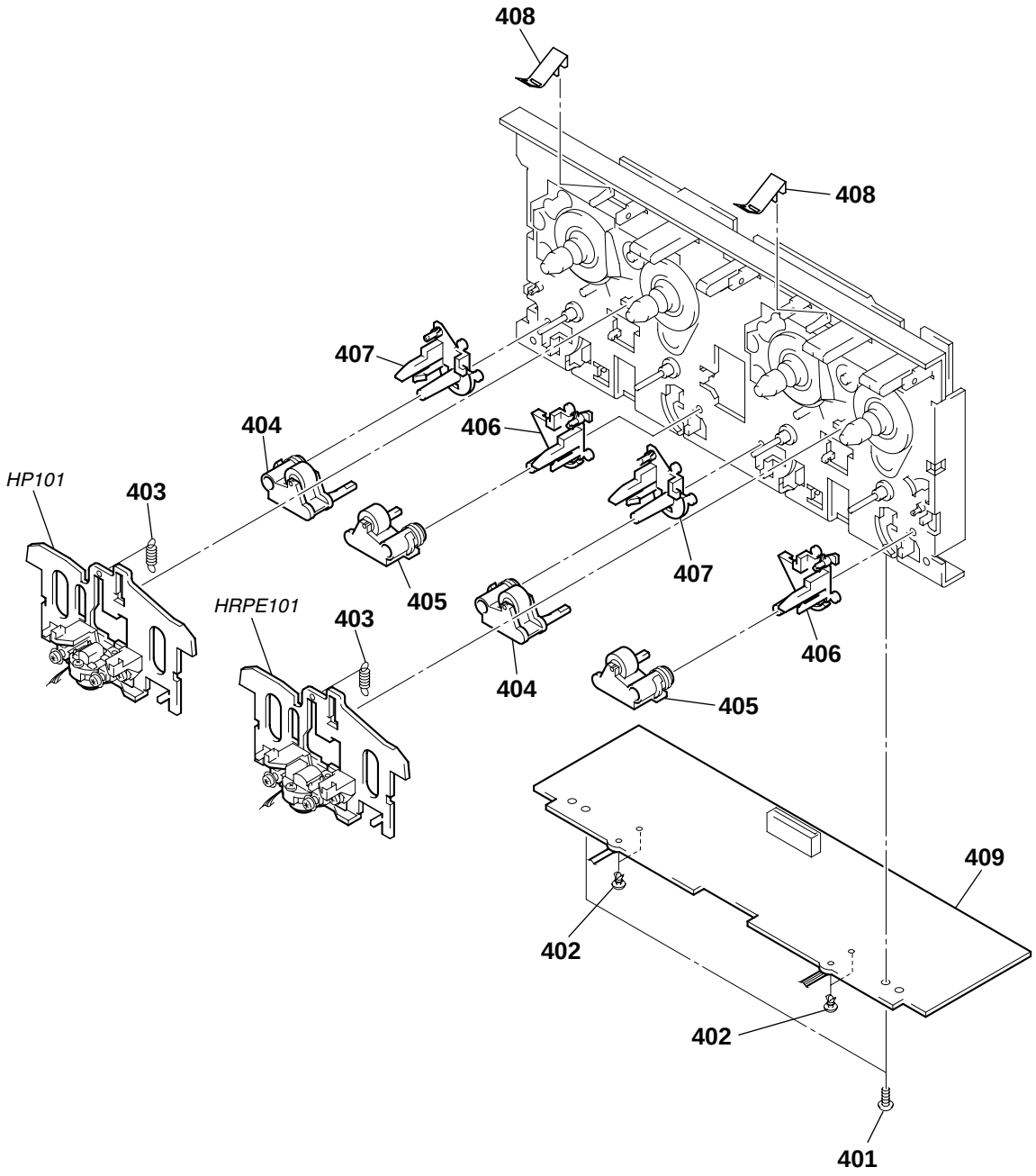


The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
151	1-790-287-11	WIRE (FLAT TYPE) (19 CORE)	
152	1-676-267-11	TRANS BOARD	
153	1-676-268-11	SUB TRANS BOARD (LX5/LX30/LX50)	
154	A-4428-193-A	PA BOARD, COMPLETE (LX50)	
154	A-4428-205-A	PA BOARD, COMPLETE (LX5)	
154	A-4428-212-A	PA BOARD, COMPLETE (LX6: E, MX, AR)	
154	A-4428-440-A	PA BOARD, COMPLETE (LX30)	
154	A-4428-751-A	PA BOARD, COMPLETE (LX6: EA, MY, SP)	
154	A-4428-758-A	PA BOARD, COMPLETE (LX6: AUS)	
155	3-703-244-00	BUSHING (FBS001), CORD (LX5/LX6: EA, MY, SP, AUS/LX30/LX50)	
155	4-966-266-01	BUSHING (S) (FBS002), CORD (LX6: E, MX, AR)	
* 156	4-988-533-01	HOLDER, PWB	
157	A-4428-183-A	MAIN BOARD, COMPLETE (LX30/LX50)	
157	A-4428-202-A	MAIN BOARD, COMPLETE (LX5)	

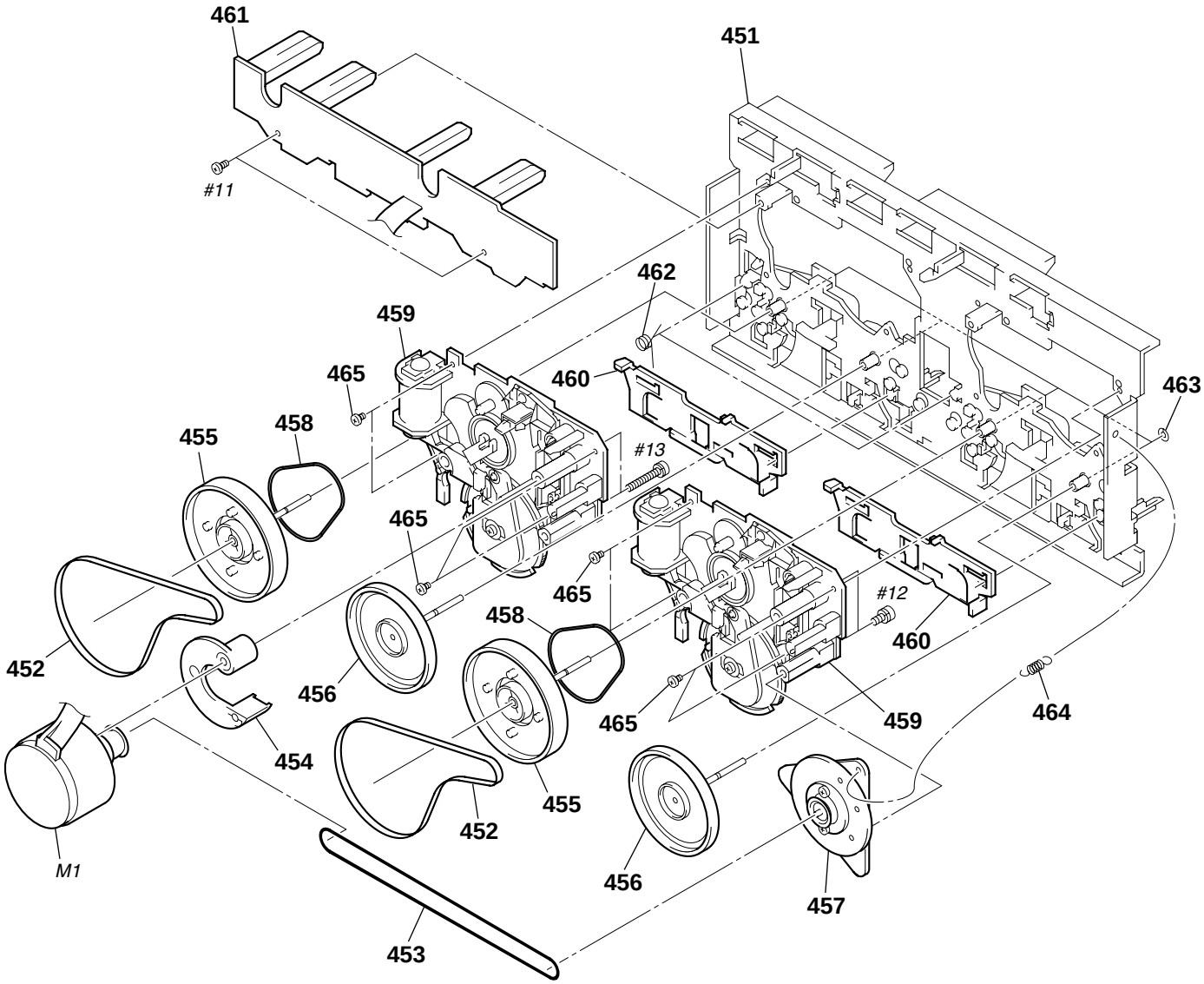
Ref. No.	Part No.	Description	Remark
157	A-4428-209-A	MAIN BOARD, COMPLETE (LX6: E, AR)	
157	A-4428-747-A	MAIN BOARD, COMPLETE (LX6: MX)	
157	A-4428-753-A	MAIN BOARD, COMPLETE (LX6: EA, MY, SP)	
157	A-4428-758-A	MAIN BOARD, COMPLETE (LX6: AUS)	
158	X-4941-228-1	FOOT (F22125H-M)	
⚠159	1-696-847-11	CORD, POWER (AUS)	
⚠159	1-777-071-51	CORD, POWER (AEP, UK, CIS, EA, MY, SP)	
⚠159	1-783-820-11	CORD, POWER (US, CND)	
⚠159	1-783-941-11	CORD, POWER (AR)	
⚠159	1-791-901-11	CORD, POWER (E, MX)	
⚠160	1-569-007-11	ADAPTOR, CONVERSION 2P (E)	
⚠160	1-569-008-21	ADAPTOR, CONVERSION 2P (EA, MY, SP)	
⚠160	1-770-019-11	ADAPTOR, CONVERSION PLUG 3P (UK)	
⚠T951	1-433-606-11	TRANSFORMER, POWER (LX6)	
⚠T951	1-435-242-11	TRANSFORMER, POWER (LX30/LX50)	
⚠T951	1-435-243-11	TRANSFORMER, POWER (LX5)	

(5) TAPE MECHANISM DECK SECTION-1 (TCM-230PWR1)



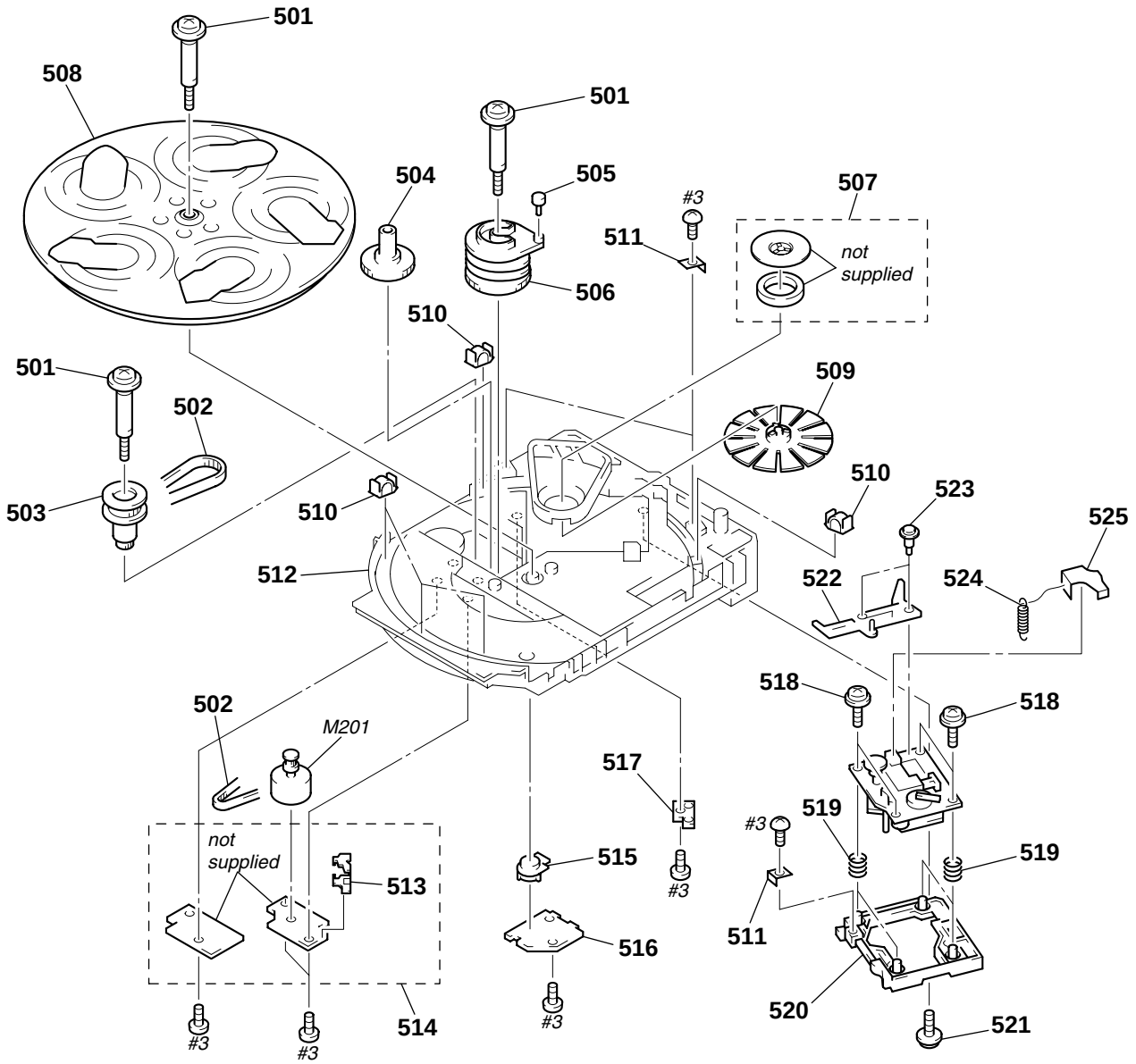
Ref. No.	Part No.	Description	Remark
401	3-376-464-11	SCREW(+PTT 2.6X6),GROUND POINT	
402	3-911-116-42	RIVET, PUSH	
403	3-016-574-01	SPRING (HEAD), TENSION	
404	X-3374-156-4	PINCH LEVER (REV) ASSY	
405	X-3374-155-4	PINCH LEVER (FWD) ASSY	
406	3-017-365-01	BASE (PINCH LEVER FWD)	
407	3-017-366-01	BASE (PINCH LEVER REV)	
408	3-026-892-01	SPRING (CASSETTE), LEAF	
409	A-2007-799-A	AUDIO BOARD, COMPLETE	
HP101	A-2056-683-B	DECK (A) ASSY, HEAD	
HRPE101	A-2056-684-B	DECK (B) ASSY, HEAD	

(6) TAPE MECHANISM DECK SECTION-2 (TCM-230PWR1)



Ref. No.	Part No.	Description	Remark
451	X-3374-214-1	CHASSIS ASSY, MAIN	
452	3-016-570-01	BELT (CAPSTAN)	
453	3-016-569-01	BELT (TENSION)	
* 454	3-016-568-01	BRACKET (MOTOR)	
455	X-3374-075-5	FLYWHEEL (FWD) ASSY	
456	X-3374-076-1	FLYWHEEL (REV) ASSY	
457	X-3374-157-1	PULLEY ASSY, TENSION	
458	3-024-405-01	BELT (FR2)	
459	A-2004-630-A	MECHANICAL BLOCK ASSY	
460	3-016-566-01	SLIDER, REVERSE	
461	A-2007-800-A	LEAF SW BOARD, COMPLETE	
462	3-016-575-01	SPRING, TORSION	
463	3-019-208-01	WASHER, STOPPER	
464	3-027-453-01	SPRING (GROUND), TENSION	
465	3-030-823-01	SCREW (+BVTT) (2X3.5)	
M1	A-2004-628-A	MOTOR ASSY, CAPSTAN	

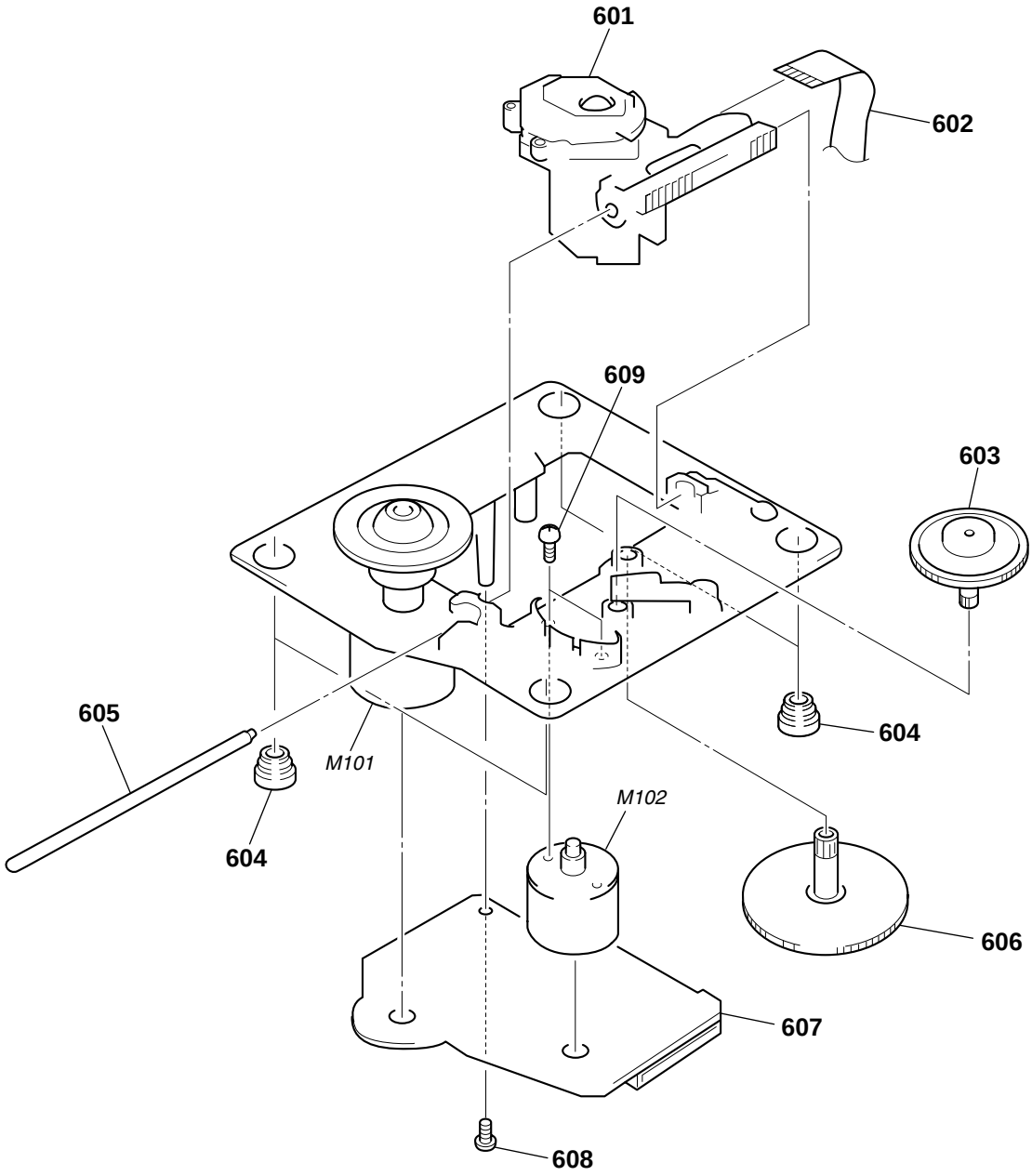
(7) CD MECHANISM DECK SECTION (CDM37M-5BD32L)



Ref. No.	Part No.	Description	Remark
501	4-987-976-01	SCREW, STEP	
502	4-944-490-01	BELT (TIMING)	
503	A-4660-978-A	GEAR (PULLEY) ASSY	
504	4-978-421-01	GEAR (MID)	
505	4-978-425-01	ROLLER (CAM)	
506	4-978-420-01	CAM (HOLDER)	
507	1-452-925-21	MAGNET ASSY	
508	4-978-417-01	TABLE, DISC	
509	4-993-142-03	PULLEY (L), PRESS	
510	X-4947-960-1	ROLLER ASSY	
* 511	4-978-583-01	BRACKET (BU)	
512	4-978-418-01	CHASSIS	
* 513	4-980-385-01	HOLDER (SW)	

Ref. No.	Part No.	Description	Remark
* 514	A-4673-765-A	CD MOTOR BOARD, COMPLETE	
515	4-978-426-01	INDICATOR (NO.)	
* 516	1-659-059-13	LED BOARD	
* 517	1-659-058-13	TABLE SENSOR BOARD	
518	4-985-672-01	SCREW (+PTPWHM2.6), FLOATING\	
519	4-958-593-01	SPRING (BU), COMPRESSION	
* 520	4-978-419-01	HOLDER (BU-5)	
521	4-998-716-01	SCREW, BU FITTING	
522	4-989-493-01	SLIDER (37)	
523	4-989-494-01	SCREW (SLIDER), STEP	
524	4-989-819-21	SPRING, TENSION	
525	4-989-491-01	COVER, LENS	
M201	A-4660-977-A	MOTOR ASSY (TABLE)	

(8) BASE UNIT SECTION (BU-5BD32L)



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
⚠601	8-820-020-02	OPTICAL PICK-UP KSS-213D/Q-NP	
602	1-769-069-11	WIRE (FLAT TYPE) (16 CORE)	
603	4-917-567-21	GEAR (M)	
604	4-951-940-01	INSULATOR (BU)	
605	4-917-565-01	SHAFT, SLED	
606	4-917-564-01	GEAR (P), FLATNESS	
607	A-4724-486-A	BD BOARD, COMPLETE	
608	4-951-620-01	SCREW (2.6X8), +BVTP	
609	3-713-786-51	SCREW +P 2X3	
M101	X-4917-523-3	MOTOR ASSY (SPINDLE)	
M102	X-4917-504-1	MOTOR ASSY (SLED)	

AUDIO

SECTION 6
ELECTRICAL PARTS LIST

NOTE:
- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL: Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F: nonflammable
- Abbreviation
  AR : Argentine model
  AUS : Australian model
  CND : Canadian model
  EA : Saudi Arabia model
  MX : Mexican model
  MY : Malaysia model
  SP : Singapore model
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u: µ, for example:
  uA. . : µA. . uPA. . : µPA. .
  uPB. . : µPB. . uPC. . : µPC. .
  uPD. . : µPD. .
- CAPACITORS
  uF: µF
- COILS
  uH: µH

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiquens pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description			Remark
	A-2007-799-A	AUDIO BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C301	1-162-289-31	CERAMIC	390PF	10%	50V
C302	1-126-968-11	ELECT	100uF	20%	6.3V
C303	1-162-282-31	CERAMIC	100PF	10%	50V
C304	1-130-483-00	MYLAR	0.01uF	5%	50V
C305	1-107-715-11	ELECT	22uF	20%	16V
C311	1-162-289-31	CERAMIC	390PF	10%	50V
C313	1-162-282-31	CERAMIC	100PF	10%	50V
C314	1-130-487-00	MYLAR	0.022uF	5%	50V
C315	1-126-233-11	ELECT	22uF	20%	50V
C331	1-137-427-11	MYLAR	120PF	5%	50V
C332	1-162-288-31	CERAMIC	330PF	10%	50V
C333	1-162-209-31	CERAMIC	27PF	5%	50V
C401	1-162-289-31	CERAMIC	390PF	10%	50V
C402	1-126-968-11	ELECT	100uF	20%	6.3V
C403	1-162-282-31	CERAMIC	100PF	10%	50V
C404	1-130-483-00	MYLAR	0.01uF	5%	50V
C405	1-107-715-11	ELECT	22uF	20%	16V
C411	1-162-289-31	CERAMIC	390PF	10%	50V
C413	1-162-282-31	CERAMIC	100PF	10%	50V
C414	1-130-487-00	MYLAR	0.022uF	5%	50V
C415	1-126-233-11	ELECT	22uF	20%	50V
C431	1-137-427-11	MYLAR	120PF	5%	50V
C432	1-162-288-31	CERAMIC	330PF	10%	50V
C433	1-162-209-31	CERAMIC	27PF	5%	50V
C601	1-104-396-11	ELECT	10uF	20%	16V
C602	1-104-396-11	ELECT	10uF	20%	16V
C611	1-104-396-11	ELECT	10uF	20%	16V
C612	1-104-396-11	ELECT	10uF	20%	16V
C621	1-137-150-11	FILM	0.01uF	5%	100V
C622	1-126-961-11	ELECT	2.2uF	20%	50V
C623	1-136-155-00	FILM	0.015uF	5%	50V
C624	1-130-481-00	MYLAR	0.0068uF	5%	50V
C625	1-130-481-00	MYLAR	0.0068uF	5%	50V
C627	1-124-903-11	ELECT	1uF	20%	50V
C628	1-136-153-00	FILM	0.01uF	5%	50V
C642	1-104-664-11	ELECT	47uF	20%	16V

Ref. No.	Part No.	Description			Remark
		< CONNECTOR >			
CN601	1-695-338-11	PIN, CONNECTOR (PC BOARD) 15P			
		< IC >			
IC601	8-759-111-44	IC uPC4570C-1			
IC602	8-759-143-54	IC uPC1330HA			
IC611	8-759-111-44	IC uPC4570C-1			
		< COIL >			
L331	1-410-780-11	INDUCTOR	27uH		
L431	1-410-780-11	INDUCTOR	27uH		
L601	1-414-193-41	INDUCTOR	220uH		
L602	1-414-193-41	INDUCTOR	220uH		
		< TRANSISTOR >			
Q621	8-729-142-46	TRANSISTOR	2SC2001TP-LK		
Q622	8-729-142-46	TRANSISTOR	2SC2001TP-LK		
Q623	8-729-801-93	TRANSISTOR	2SD1387-34-TP		
		< RESISTOR >			
R301	1-247-881-00	CARBON	120K	5%	1/4W
R302	1-249-409-11	CARBON	220	5%	1/4W
R303	1-247-863-11	CARBON	22K	5%	1/4W
R304	1-247-889-00	CARBON	270K	5%	1/4W
R305	1-247-858-11	CARBON	13K	5%	1/4W
R311	1-247-881-00	CARBON	120K	5%	1/4W
R312	1-247-807-31	CARBON	100	5%	1/4W
R314	1-247-882-11	CARBON	130K	5%	1/4W
R315	1-247-850-11	CARBON	6.2K	5%	1/4W
R331	1-249-430-11	CARBON	12K	5%	1/4W
R401	1-247-881-00	CARBON	120K	5%	1/4W
R402	1-249-409-11	CARBON	220	5%	1/4W
R403	1-247-863-11	CARBON	22K	5%	1/4W
R404	1-247-889-00	CARBON	270K	5%	1/4W
R405	1-247-858-11	CARBON	13K	5%	1/4W
R411	1-247-881-00	CARBON	120K	5%	1/4W
R412	1-247-807-31	CARBON	100	5%	1/4W
R414	1-247-882-11	CARBON	130K	5%	1/4W
R415	1-247-850-11	CARBON	6.2K	5%	1/4W
R431	1-249-430-11	CARBON	12K	5%	1/4W
R601	1-249-409-11	CARBON	220	5%	1/4W

Ref. No.	Part No.	Description			Remark
R602	1-249-409-11	CARBON	220	5%	1/4W
R608	1-249-409-11	CARBON	220	5%	1/4W
R609	1-247-863-11	CARBON	22K	5%	1/4W
R611	1-249-409-11	CARBON	220	5%	1/4W
R612	1-249-409-11	CARBON	220	5%	1/4W
⚠R621	1-212-851-00	FUSIBLE	5.6	5%	1/4W F
⚠R622	1-212-851-00	FUSIBLE	5.6	5%	1/4W F
R623	1-249-432-11	CARBON	18K	5%	1/4W
R624	1-249-432-11	CARBON	18K	5%	1/4W
R625	1-249-429-11	CARBON	10K	5%	1/4W
		< VARIABLE RESISTOR >			
RV301	1-238-598-11	RES, ADJ, CARBON 2.2K			
RV311	1-238-598-11	RES, ADJ, CARBON 2.2K			
RV341	1-241-768-11	RES, ADJ, CARBON 220K			
RV401	1-238-598-11	RES, ADJ, CARBON 2.2K			
RV411	1-238-598-11	RES, ADJ, CARBON 2.2K			
RV441	1-241-768-11	RES, ADJ, CARBON 220K			
		< TRANSFORMER >			
T621	1-423-980-11	TRANSFORMER, BIAS OSCILLATION			
**********					
	A-4724-486-A	BD BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C101	1-163-005-11	CERAMIC CHIP	470PF	10%	50V
C102	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C103	1-163-005-11	CERAMIC CHIP	470PF	10%	50V
C104	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C108	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C109	1-163-011-11	CERAMIC CHIP	0.0015uF	10%	50V
C110	1-164-182-11	CERAMIC CHIP	0.0033uF	10%	50V
C111	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C112	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C113	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C114	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C115	1-126-607-11	ELECT CHIP	47uF	20%	4V
C116	1-126-607-11	ELECT CHIP	47uF	20%	4V
C117	1-126-209-11	ELECT CHIP	100uF	20%	4V
C118	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C119	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C121	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C122	1-126-206-11	ELECT CHIP	100uF	20%	6.3V
C123	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C124	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V
C125	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C126	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C127	1-128-065-11	ELECT CHIP	68uF	20%	10V
C128	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C129	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C130	1-164-346-11	CERAMIC CHIP	1uF		16V
C131	1-124-779-00	ELECT CHIP	10uF	20%	16V
C133	1-164-346-11	CERAMIC CHIP	1uF		16V
C140	1-164-346-11	CERAMIC CHIP	1uF		16V
C141	1-164-346-11	CERAMIC CHIP	1uF		16V

Ref. No.	Part No.	Description			Remark
C143	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C151	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C153	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C154	1-110-501-11	CERAMIC CHIP	0.33uF	10%	16V
C156	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C157	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C159	1-163-019-00	CERAMIC CHIP	0.0068uF	10%	50V
C161	1-126-206-11	ELECT CHIP	100uF	20%	6.3V
C162	1-126-205-11	ELECT CHIP	47uF	20%	6.3V
C163	1-126-206-11	ELECT CHIP	100uF	20%	6.3V
C165	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C167	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C168	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C171	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C172	1-163-123-00	CERAMIC CHIP	180PF	5%	50V
C181	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C182	1-163-123-00	CERAMIC CHIP	180PF	5%	50V
		< CONNECTOR >			
CN101	1-778-874-11	CONNECTOR, FFC (LIF (NON-ZIF)) 19P			
CN102	1-777-937-11	CONNECTOR, FFC/FPC 16P			
		< FERRITE BEAD >			
FB101	1-500-445-21	FERRITE	0UH		
FB103	1-500-445-21	FERRITE	0UH		
		< IC >			
IC101	8-752-386-85	IC CXD2587Q			
IC102	8-759-549-28	IC BA5974FP-E2			
IC103	8-752-085-51	IC CXA2568M-T6			
		< TRANSISTOR >			
Q101	8-729-010-08	TRANSISTOR	MSB710-RT1		
		< RESISTOR >			
R101	1-216-077-00	RES, CHIP	15K	5%	1/10W
R102	1-216-097-00	RES, CHIP	100K	5%	1/10W
R103	1-216-077-00	RES, CHIP	15K	5%	1/10W
R104	1-216-085-00	METAL CHIP	33K	5%	1/10W
R105	1-216-073-00	METAL CHIP	10K	5%	1/10W
R106	1-216-049-11	RES, CHIP	1K	5%	1/10W
R107	1-216-073-00	METAL CHIP	10K	5%	1/10W
R108	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R109	1-216-121-00	RES, CHIP	1M	5%	1/10W
R110	1-216-025-00	RES, CHIP	100	5%	1/10W
R111	1-216-121-00	RES, CHIP	1M	5%	1/10W
R113	1-216-121-00	RES, CHIP	1M	5%	1/10W
R114	1-216-073-00	METAL CHIP	10K	5%	1/10W
R116	1-216-001-00	METAL CHIP	10	5%	1/10W
R117	1-216-049-11	RES, CHIP	1K	5%	1/10W
R119	1-216-041-00	METAL CHIP	470	5%	1/10W
R123	1-216-073-00	METAL CHIP	10K	5%	1/10W
R124	1-216-097-00	RES, CHIP	100K	5%	1/10W
R131	1-216-033-00	METAL CHIP	220	5%	1/10W
R143	1-216-103-00	METAL CHIP	180K	5%	1/10W
R144	1-216-103-00	METAL CHIP	180K	5%	1/10W
R147	1-216-069-00	METAL CHIP	6.8K	5%	1/10W

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

BD | **CD MOTOR** | **CD-L** CD-L2 | **CD-R** CD-R2

Ref. No.	Part No.	Description			Remark
R148	1-216-001-00	METAL CHIP	10	5%	1/10W
R149	1-216-001-00	METAL CHIP	10	5%	1/10W
R158	1-216-111-00	METAL CHIP	390K	5%	1/10W
R159	1-216-101-00	METAL CHIP	150K	5%	1/10W
R161	1-216-308-00	METAL CHIP	4.7	5%	1/10W
R162	1-216-101-00	METAL CHIP	150K	5%	1/10W
R171	1-216-078-00	RES, CHIP	16K	5%	1/10W
R172	1-216-073-00	METAL CHIP	10K	5%	1/10W
R173	1-216-077-00	RES, CHIP	15K	5%	1/10W
R181	1-216-078-00	RES, CHIP	16K	5%	1/10W
R182	1-216-073-00	METAL CHIP	10K	5%	1/10W
R183	1-216-077-00	RES, CHIP	15K	5%	1/10W
		< NETWORK RESISTOR >			
RN101	1-233-576-11	RES, CHIP NETWORK 100			
RN102	1-233-576-11	RES, CHIP NETWORK 100			
		< SWITCH >			
S101	1-572-085-11	SWITCH, LEAF (LIMIT)			
		< VIBRATOR >			
X101	1-767-408-21	VIBRATOR, CRYSTAL (16.9344MHz)			
**********					
*	A-4673-765-A	CD MOTOR BOARD, COMPLETE			
		**********			
*	4-980-385-01	HOLDER (SW)			
		< CAPACITOR >			
C201	1-126-964-11	ELECT	10uF	20%	50V
C202	1-164-159-21	CERAMIC	0.1uF		50V
C203	1-126-964-11	ELECT	10uF	20%	50V
		< CONNECTOR >			
* CN201	1-568-947-11	PIN, CONNECTOR 9P			
		< IC >			
IC201	8-759-365-94	IC TA8409S			
		< COIL >			
L201	1-408-117-00	INDUCTOR	10uH		
		< RESISTOR >			
R205	1-249-427-11	CARBON	6.8K	5%	1/4W
R206	1-249-425-11	CARBON	4.7K	5%	1/4W
		< SWITCH >			
S201	1-762-587-11	SWITCH, PUSH (1 KEY) (UP)			
**********					

Ref. No.	Part No.	Description			Remark
	A-4428-176-A	CD-L BOARD			
		**********			
		CD-L2 BOARD			
		< CAPACITOR >			
C691	1-162-306-11	CERAMIC	0.01uF	30%	16V
		< CONNECTOR >			
CN812	1-785-332-11	PIN, CONNECTOR (LIGHT ANGLE) 6P			
		< DIODE >			
D641	8-719-058-04	LED SEL5223S-TP15 (NON-STOP)			
		< RESISTOR >			
R729	1-249-420-11	CARBON	1.8K	5%	1/4W
R730	1-249-422-11	CARBON	2.7K	5%	1/4W
R731	1-247-843-11	CARBON	3.3K	5%	1/4W
R732	1-249-425-11	CARBON	4.7K	5%	1/4W
R733	1-249-427-11	CARBON	6.8K	5%	1/4W
R734	1-249-429-11	CARBON	10K	5%	1/4W
R735	1-249-431-11	CARBON	15K	5%	1/4W
R736	1-249-434-11	CARBON	27K	5%	1/4W
R745	1-249-408-11	CARBON	180	5%	1/4W
		< SWITCH >			
S651	1-762-875-21	SWITCH, KEYBOARD (LOOP)			
S652	1-762-875-21	SWITCH, KEYBOARD (NON-STOP)			
S653	1-762-875-21	SWITCH, KEYBOARD (EDIT)			
S654	1-762-875-21	SWITCH, KEYBOARD (DISC 1)			
S655	1-762-875-21	SWITCH, KEYBOARD (DISC 2)			
S656	1-762-875-21	SWITCH, KEYBOARD (DISC 3)			
S657	1-762-875-21	SWITCH, KEYBOARD (DISC 4)			
S658	1-762-875-21	SWITCH, KEYBOARD (DISC 5)			
S659	1-762-875-21	SWITCH, KEYBOARD (FLASH)			
S691	1-762-587-11	SWITCH, PUSH (1 KEY) (LID (CD) OPEN/CLOSE)			
**********					
	A-4428-178-A	CD-R BOARD			
		**********			
		CD-R2 BOARD			
		< CAPACITOR >			
C613	1-162-306-11	CERAMIC	0.01uF	30%	16V
C614	1-162-306-11	CERAMIC	0.01uF	30%	16V
		< CONNECTOR >			
CN703	1-785-333-11	PIN, CONNECTOR (LIGHT ANGLE) 7P			
		< DIODE >			
D700	8-719-056-13	LED SML79423C-TP15 (▷ ▮▮)			
		< RESISTOR >			
R751	1-247-843-11	CARBON	3.3K	5%	1/4W
R752	1-249-425-11	CARBON	4.7K	5%	1/4W
R753	1-249-427-11	CARBON	6.8K	5%	1/4W

Ref. No.	Part No.	Description			Remark
R754	1-249-429-11	CARBON	10K	5%	1/4W
R755	1-249-431-11	CARBON	15K	5%	1/4W
R756	1-249-434-11	CARBON	27K	5%	1/4W
R757	1-249-438-11	CARBON	56K	5%	1/4W
R758	1-249-403-11	CARBON	68	5%	1/4W
R759	1-249-403-11	CARBON	68	5%	1/4W
		< SWITCH >			
S676	1-762-875-21	SWITCH, KEYBOARD (▶▶)			
S677	1-762-875-21	SWITCH, KEYBOARD (▷ ❚❚)			
S678	1-762-875-21	SWITCH, KEYBOARD (◀◀)			
S679	1-762-875-21	SWITCH, KEYBOARD (DISC SKIP)			
S680	1-762-875-21	SWITCH, KEYBOARD (■)			
S681	1-762-875-21	SWITCH, KEYBOARD (PLAY MODE)			
S682	1-762-875-21	SWITCH, KEYBOARD (REPEAT)			
S701	1-473-534-11	ENCODER, ROTARY (I◀◀ AMS ▶▶I)			
**********					
	1-676-276-11	FRONT INPUT BOARD			
		**********			
		< CAPACITOR >			
C801	1-162-294-31	CERAMIC	0.001uF	10%	50V
C802	1-162-294-31	CERAMIC	0.001uF	10%	50V
C811	1-162-282-31	CERAMIC	100PF	10%	50V
C812	1-164-159-21	CERAMIC	0.1uF		50V
C813	1-126-960-11	ELECT	1uF	20%	50V
		< GROUND PLATE >			
EPT801	4-870-539-41	PLATE, GROUND			
		< FILTER >			
FL803	1-424-228-11	FILTER, NOISE			
		< JACK >			
J804	1-764-592-41	JACK 3P (VIDEO 2 INPUT)			
		< RESISTOR >			
R801	1-249-417-11	CARBON	1K	5%	1/4W
R802	1-249-437-11	CARBON	47K	5%	1/4W
R803	1-249-417-11	CARBON	1K	5%	1/4W
R804	1-249-437-11	CARBON	47K	5%	1/4W
R805	1-247-804-11	CARBON	75	5%	1/4W
**********					
	1-676-281-11	HEADPHONE BOARD			
		**********			
		< CAPACITOR >			
C891	1-162-294-31	CERAMIC	0.001uF	10%	50V
C892	1-162-294-31	CERAMIC	0.001uF	10%	50V
C893	1-164-159-21	CERAMIC	0.1uF		50V
		< CONNECTOR >			
CN802	1-785-330-11	PIN, CONNECTOR (LIGHT ANGLE) 4P			
		< JACK >			
J803	1-770-226-41	JACK (LARGE TYPE) (PHONES)			

Ref. No.	Part No.	Description			Remark
		< RESISTOR >			
R810	1-247-807-31	CARBON	100	5%	1/4W
**********					
	A-2007-800-A	LEAF SW BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C1001	1-107-716-11	ELECT	33uF	20%	10V
		< CONNECTOR >			
CN1001	1-784-459-11	CONNECTOR, FFC/FPC 17P			
		< DIODE >			
D1001	8-719-991-33	DIODE 1SS133T-77			
D1002	8-719-991-33	DIODE 1SS133T-77			
		< CABLE HOLDER >			
* DM1001	1-784-581-11	HOLDER, CABLE (2.5mm PITCH) 4P			
		< IC >			
IC1001	8-749-014-38	PHOTO INTERRUPTER SG-264			
IC1002	8-749-014-38	PHOTO INTERRUPTER SG-264			
		< TRANSISTOR >			
Q1001	8-729-029-56	TRANSISTOR	DTA144ESA-TP		
		< RESISTOR >			
R907	1-249-441-11	CARBON	100K	5%	1/4W
R1001	1-249-409-11	CARBON	220	5%	1/4W
R1002	1-249-409-11	CARBON	220	5%	1/4W
R1003	1-249-414-11	CARBON	560	5%	1/4W
R1004	1-247-834-11	CARBON	1.3K	5%	1/4W
R1005	1-247-818-91	CARBON	300	5%	1/4W
R1006	1-247-864-11	CARBON	24K	5%	1/4W
R1007	1-247-856-00	CARBON	11K	5%	1/4W
R1008	1-249-417-11	CARBON	1K	5%	1/4W
		< VARIABLE RESISTOR >			
RV1001	1-241-785-11	RES, ADJ, CARBON 10K			
RV1002	1-241-785-11	RES, ADJ, CARBON 10K			
		< SWITCH >			
S1001	1-570-953-11	SWITCH, PUSH (1 KEY) (DISC APLAY)			
S1002	1-570-953-11	SWITCH, PUSH (1 KEY) (DISC B PLAY)			
S1003	1-771-333-11	SWITCH, LEAF (DISC A HALF)			
S1004	1-771-205-11	SWITCH, LEAF (DISC A $\overline{120}$/70)			
S1005	1-771-205-11	SWITCH, LEAF (DISC A REC)			
S1006	1-771-333-11	SWITCH, LEAF (DISC B HALF)			
S1008	1-771-205-11	SWITCH, LEAF (DISC B $\overline{120}$/70)			
S1009	1-771-205-11	SWITCH, LEAF (DISC B REC)			
**********					

LED **MAIN**

Ref. No.	Part No.	Description			Remark
*	1-659-059-13	LED BOARD			
		**********			
		< DIODE >			
D201	8-719-032-98	LED SEL5820A-TP15 (DISC No.)			
		< TRANSISTOR >			
Q201	8-729-119-78	TRANSISTOR	2SC2785TP-HFE		
		< RESISTOR >			
R201	1-247-863-11	CARBON	22K	5%	1/4W
R202	1-249-411-11	CARBON	330	5%	1/4W
R203	1-249-437-11	CARBON	47K	5%	1/4W
**********					
	A-4428-183-A	MAIN BOARD, COMPLETE (LX30/LX50)			
	A-4428-202-A	MAIN BOARD, COMPLETE (LX5)			
	A-4428-209-A	MAIN BOARD, COMPLETE (LX6: E, AR)			
	A-4428-747-A	MAIN BOARD, COMPLETE (LX6: MX)			
	A-4428-753-A	MAIN BOARD, COMPLETE (LX6: EA, MY, SP)			
	A-4428-758-A	MAIN BOARD, COMPLETE (LX6: AUS)			
		**********			
	4-875-327-31	HEAT SINK			
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S			
		< CAPACITOR >			
C111	1-137-195-11	MYLAR	0.56uF	5%	50V
C112	1-130-488-00	MYLAR	0.027uF	5%	50V
C113	1-136-167-00	MYLAR	0.15uF	5%	50V
C114	1-130-480-00	MYLAR	0.0056uF	5%	50V
C115	1-130-489-00	MYLAR	0.033uF	5%	50V
C116	1-130-473-00	MYLAR	0.0015uF	5%	50V
C117	1-130-483-00	MYLAR	0.01uF	5%	50V
C118	1-163-129-00	CERAMIC CHIP	330PF	5%	50V
C119	1-130-479-00	MYLAR	0.0047uF	5%	50V
C120	1-130-477-00	MYLAR	0.0033uF	5%	50V
C121	1-126-964-11	ELECT	10uF	20%	50V
C122	1-163-006-11	CERAMIC CHIP	560PF	10%	50V
C123	1-136-169-00	MYLAR	0.22uF	5%	50V
C124	1-136-169-00	MYLAR	0.22uF	5%	50V
C125	1-126-964-11	ELECT	10uF	20%	50V
C131	1-104-664-11	ELECT	47uF	20%	16V
C132	1-104-664-11	ELECT	47uF	20%	16V
C135	1-126-964-11	ELECT	10uF	20%	50V
C161	1-137-195-11	MYLAR	0.56uF	5%	50V
C162	1-130-488-00	MYLAR	0.027uF	5%	50V
C163	1-136-167-00	MYLAR	0.15uF	5%	50V
C164	1-130-480-00	MYLAR	0.0056uF	5%	50V
C165	1-130-489-00	MYLAR	0.033uF	5%	50V
C166	1-130-473-00	MYLAR	0.0015uF	5%	50V
C167	1-130-483-00	MYLAR	0.01uF	5%	50V
C168	1-163-129-00	CERAMIC CHIP	330PF	5%	50V
C169	1-130-479-00	MYLAR	0.0047uF	5%	50V
C170	1-130-477-00	MYLAR	0.0033uF	5%	50V
C171	1-126-964-11	ELECT	10uF	20%	50V
C172	1-163-006-11	CERAMIC CHIP	560PF	10%	50V
C173	1-136-169-00	MYLAR	0.22uF	5%	50V
C174	1-136-169-00	MYLAR	0.22uF	5%	50V

Ref. No.	Part No.	Description			Remark
C175	1-126-964-11	ELECT	10uF	20%	50V
C176	1-130-493-00	MYLAR	0.068uF	5%	50V
C177	1-130-483-00	MYLAR	0.01uF	5%	50V
C181	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C182	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C183	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C191	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C192	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C193	1-126-964-11	ELECT	10uF	20%	50V
C301	1-126-960-11	ELECT	1uF	20%	50V
C302	1-130-479-00	MYLAR	0.0047uF	5%	50V
C303	1-136-165-00	MYLAR	0.1uF	5%	50V
C304	1-136-165-00	MYLAR	0.1uF	5%	50V
C305	1-126-964-11	ELECT	10uF	20%	50V
C306	1-126-960-11	ELECT	1uF	20%	50V
C307	1-126-959-11	ELECT	0.47uF	20%	50V
C308	1-126-964-11	ELECT	10uF	20%	50V
C309	1-137-194-81	MYLAR	0.47uF	5%	50V
C310	1-163-005-11	CERAMIC CHIP	470PF	10%	50V
C311	1-126-964-11	ELECT	10uF	20%	50V
C312	1-126-959-11	ELECT	0.47uF	20%	50V
C313	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C314	1-126-964-11	ELECT	10uF	20%	50V
C315	1-126-963-11	ELECT	4.7uF	20%	50V
C316	1-104-665-11	ELECT	100uF	20%	10V
C317	1-104-665-11	ELECT	100uF	20%	10V
C320	1-163-005-11	CERAMIC CHIP	470PF	10%	50V
C333	1-163-017-00	CERAMIC CHIP	0.0047uF	5%	50V
C334	1-163-017-00	CERAMIC CHIP	0.0047uF	5%	50V
C351	1-126-960-11	ELECT	1uF	20%	50V
C352	1-130-479-00	MYLAR	0.0047uF	5%	50V
C353	1-136-165-00	MYLAR	0.1uF	5%	50V
C354	1-136-165-00	MYLAR	0.1uF	5%	50V
C355	1-126-964-11	ELECT	10uF	20%	50V
C356	1-126-960-11	ELECT	1uF	20%	50V
C357	1-126-959-11	ELECT	0.47uF	20%	50V
C358	1-126-964-11	ELECT	10uF	20%	50V
C359	1-137-194-81	MYLAR	0.47uF	5%	50V
C401	1-126-961-11	ELECT	2.2uF	20%	50V
C411	1-163-033-00	CERAMIC CHIP	0.022uF		50V
C412	1-163-033-00	CERAMIC CHIP	0.022uF		50V
C413	1-126-916-11	ELECT	1000uF	20%	6.3V
C414	1-126-916-11	ELECT	1000uF	20%	6.3V
C415	1-163-005-11	CERAMIC CHIP	470PF	10%	50V
C416	1-126-925-11	ELECT	470uF	20%	10V
C431	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C451	1-126-961-11	ELECT	2.2uF	20%	50V
C510	1-163-233-11	CERAMIC CHIP	18PF	5%	50V
C511	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C516	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C562	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C564	1-104-665-11	ELECT	100uF	20%	10V
C598	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C599	1-104-665-11	ELECT	100uF	20%	10V
C601	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C602	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C603	1-163-251-11	CERAMIC CHIP	100PF	5%	50V

Ref. No.	Part No.	Description			Remark
C604	1-126-961-11	ELECT	2.2uF	20%	50V (LX6)
C604	1-126-963-11	ELECT	4.7uF	20%	50V (LX5/LX30/LX50)
C605	1-130-479-00	MYLAR	0.0047uF	5%	50V
C606	1-130-473-00	MYLAR	0.0015uF	5%	50V
C607	1-136-159-00	MYLAR	0.033uF	5%	50V (LX6)
C607	1-136-165-00	MYLAR	0.1uF	5%	50V (LX5/LX30/LX50)
C608	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C609	1-126-933-11	ELECT	100uF	20%	16V
C651	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C652	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C653	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C654	1-126-961-11	ELECT	2.2uF	20%	50V (LX6)
C654	1-126-963-11	ELECT	4.7uF	20%	50V (LX5/LX30/LX50)
C655	1-130-479-00	MYLAR	0.0047uF	5%	50V
C656	1-130-473-00	MYLAR	0.0015uF	5%	50V
C657	1-136-159-00	MYLAR	0.033uF	5%	50V (LX6)
C657	1-136-165-00	MYLAR	0.1uF	5%	50V (LX5/LX30/LX50)
C658	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C659	1-126-933-11	ELECT	100uF	20%	16V
C701	1-163-001-11	CERAMIC CHIP	220PF	10%	50V
C702	1-163-001-11	CERAMIC CHIP	220PF	10%	50V
C703	1-163-001-11	CERAMIC CHIP	220PF	10%	50V
C706	1-163-001-11	CERAMIC CHIP	220PF	10%	50V (LX5/LX6: MX/LX30/LX50)
C707	1-163-001-11	CERAMIC CHIP	220PF	10%	50V (LX5/LX6: MX/LX30/LX50)
C721	1-126-960-11	ELECT	1uF	20%	50V
C722	1-126-926-11	ELECT	1000uF	20%	10V
C724	1-163-005-11	CERAMIC CHIP	470PF	10%	50V
C751	1-163-001-11	CERAMIC CHIP	220PF	10%	50V
C752	1-163-001-11	CERAMIC CHIP	220PF	10%	50V
C753	1-163-001-11	CERAMIC CHIP	220PF	10%	50V
C772	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C774	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C777	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C782	1-104-665-11	ELECT	100uF	20%	10V
C803	1-126-964-11	ELECT	10uF	20%	50V
C804	1-136-165-00	MYLAR	0.1uF	5%	50V
C805	1-136-165-00	MYLAR	0.1uF	5%	50V
C806	1-126-916-11	ELECT	1000uF	20%	6.3V
C808	1-109-953-11	ELECT	2.2uF	20%	50V
C902	1-126-937-11	ELECT	4700uF	20%	16V
C903	1-126-964-11	ELECT	10uF	20%	50V
C904	1-126-964-11	ELECT	10uF	20%	50V
C905	1-126-924-11	ELECT	330uF	20%	10V
C911	1-126-964-11	ELECT	10uF	20%	50V
C912	1-126-916-11	ELECT	1000uF	20%	6.3V
C913	1-104-665-11	ELECT	100uF	20%	10V
C914	1-126-916-11	ELECT	1000uF	20%	6.3V
C932	1-126-964-11	ELECT	10uF	20%	50V
C933	1-126-933-11	ELECT	100uF	20%	16V
C934	1-126-964-11	ELECT	10uF	20%	50V
C935	1-126-767-11	ELECT	1000uF	20%	16V
C936	1-126-964-11	ELECT	10uF	20%	50V
C937	1-104-665-11	ELECT	100uF	20%	10V
C938	1-126-933-11	ELECT	100uF	20%	16V
C952	1-126-943-11	ELECT	2200uF	20%	25V
C953	1-126-964-11	ELECT	10uF	20%	50V
C954	1-126-964-11	ELECT	10uF	20%	50V
C955	1-126-924-11	ELECT	330uF	20%	10V
C961	1-163-038-00	CERAMIC CHIP	0.1uF		25V
		< CONNECTOR >			
CN303	1-784-776-11	CONNECTOR, FFC 15P			
CN304	1-784-778-11	CONNECTOR, FFC 17P			
CN411	1-784-780-11	CONNECTOR, FFC 19P			
CN412	1-785-321-11	PIN, CONNECTOR (STRAIGHT) 9P			
CN431	1-784-774-11	CONNECTOR, FFC 13P (EXCEPT LX6: EA, MY, SP)			
CN431	1-784-776-11	CONNECTOR, FFC 15P (LX6: EA, MY, SP)			
CN441	1-750-745-11	CONNECTOR, FFC/FPC 13P (LX6/LX30/LX50)			
CN441	1-750-747-11	CONNECTOR, FFC/FPC 15P (LX5)			
CN452	1-785-316-11	PIN, CONNECTOR (STRAIGHT) 4P			
CN702	1-691-767-11	PLUG (MICRO CONNECTOR) 5P			
CN901	1-778-982-21	CONNECTOR, BOARD TO BOARD 13P			
* CN902	1-770-729-11	CONNECTOR, BOARD TO BOARD 10P (LX6: EA, MY, SP, AUS)			
CN902	1-778-982-21	CONNECTOR, BOARD TO BOARD 13P (EXCEPT LX6: EA, MY, SP, AUS)			
* CN903	1-564-506-11	PLUG, CONNECTOR 3P			
		< DIODE/SHORT >			
D191	8-719-988-61	DIODE 1SS355TE-17			
D192	8-719-988-61	DIODE 1SS355TE-17			
D193	8-719-988-61	DIODE 1SS355TE-17			
D194	8-719-988-61	DIODE 1SS355TE-17			
D333	8-719-988-61	DIODE 1SS355TE-17 (LX6: EA, MY, SP)			
D334	1-216-295-00	SHORT 0 (EXCEPT LX6: EA, MY, SP)			
D334	8-719-988-61	DIODE 1SS355TE-17 (LX6: EA, MY, SP)			
D335	8-719-988-61	DIODE 1SS355TE-17 (LX6: EA, MY, SP)			
D336	8-719-988-61	DIODE 1SS355TE-17 (LX6: EA, MY, SP)			
D501	8-719-988-61	DIODE 1SS355TE-17			
D534	8-719-988-61	DIODE 1SS355TE-17			
D801	8-719-988-61	DIODE 1SS355TE-17			
D802	8-719-988-61	DIODE 1SS355TE-17			
D803	8-719-988-61	DIODE 1SS355TE-17			
D804	8-719-988-61	DIODE 1SS355TE-17			
D805	8-719-988-61	DIODE 1SS355TE-17			
D806	8-719-988-61	DIODE 1SS355TE-17			
D807	8-719-988-61	DIODE 1SS355TE-17			
D808	8-719-210-33	DIODE EC10DS2-TE12L5			
D911	8-719-988-61	DIODE 1SS355TE-17			
D912	8-719-210-33	DIODE EC10DS2-TE12L5			
D913	8-719-210-33	DIODE EC10DS2-TE12L5			
D931	8-719-210-33	DIODE EC10DS2-TE12L5			
D951	8-719-988-61	DIODE 1SS355TE-17			
		< GROUND PLATE >			
EP901	4-870-539-41	PLATE, GROUND (EXCEPT LX6: EA, MY, SP)			

MAIN

Ref. No.	Part No.	Description	Remark
		< FERRITE BEAD >	
FB412	1-414-772-11	FERRITE 0uH	
FB413	1-414-551-11	FERRITE 0uH	
FB415	1-414-772-11	FERRITE 0uH	
		< FILTER >	
FL501	1-233-289-21	FILTER, EMI (SMD)	
FL502	1-233-289-21	FILTER, EMI (SMD)	
FL503	1-233-289-21	FILTER, EMI (SMD)	
		< IC >	
IC101	8-759-571-54	IC M62493FP	
IC181	8-759-009-06	IC MC14052BF	
IC191	8-759-571-53	IC BA7615N	
IC301	8-759-495-26	IC HA12215F	
IC501	8-759-653-44	IC M30622MA-A26FP	
IC601	8-759-636-55	IC M5218AFP	
IC781	8-749-923-04	IC TOTX178A (CD DIGITAL OUT OPTICAL)	
IC801	8-759-635-63	IC M51943BSL	
IC901	8-759-604-86	IC M5F7807L	
IC911	8-759-231-53	IC M5F7805S	
IC931	8-759-604-38	IC M5F78M10L	
IC932	8-759-604-39	IC M5F78M12L (LX30/LX50)	
IC932	8-759-701-79	IC NJM7812FA (LX5/LX6)	
IC933	8-759-604-86	IC M5F7807L	
IC951	8-759-604-90	IC M5F7907L	
		< JACK >	
J701	1-766-558-41	JACK, PIN 8P (PHONO IN, MD IN, MD OUT, VIDEO 1 (AUDIO IN)) (LX6: EA, MY, SP)	
J701	1-794-148-21	JACK, PIN 8P (PHONO IN, MD IN, MD OUT, VIDEO 1 (AUDIO IN)) (EXCEPT LX6: EA, MY, SP)	
J702	1-770-336-11	JACK, PIN 2P (VIDEO 1 (VIDEO IN), VIDEO OUT)	
J705	1-573-028-31	JACK, PIN 4P (DJ MIX) (LX5/LX6: MX/LX30/LX50)	
		< JUMPER RESISTOR >	
JR1	1-216-295-00	SHORT 0	
JR2	1-216-296-00	SHORT 0	
JR3	1-216-296-00	SHORT 0	
JR4	1-216-295-00	SHORT 0	
JR5	1-216-295-00	SHORT 0	
JR6	1-216-296-00	SHORT 0	
JR7	1-216-296-00	SHORT 0	
JR8	1-216-296-00	SHORT 0	
JR9	1-216-295-00	SHORT 0	
JR10	1-216-296-00	SHORT 0	
JR11	1-216-296-00	SHORT 0	
JR181	1-216-295-00	SHORT 0	
JR182	1-216-295-00	SHORT 0	
JR191	1-216-295-00	SHORT 0	
JR192	1-216-295-00	SHORT 0	
JR594	1-216-295-00	SHORT 0	
JR703	1-216-295-00	SHORT 0	
JR901	1-216-295-00	SHORT 0	
JR907	1-216-295-00	SHORT 0 (LX6)	
JR910	1-216-296-00	SHORT 0 (LX5/LX30/LX50)	

Ref. No.	Part No.	Description	Remark
		< COIL >	
L781	1-412-032-11	INDUCTOR CHIP 100uH	
		< TRANSISTOR >	
Q111	8-729-620-05	TRANSISTOR 2SC2603TP-EF	
Q112	8-729-620-05	TRANSISTOR 2SC2603TP-EF	
Q113	8-729-141-30	TRANSISTOR 2SC3623ATP-LK	
Q115	8-729-029-86	TRANSISTOR DTC124ESA-TP	
Q161	8-729-620-05	TRANSISTOR 2SC2603TP-EF	
Q162	8-729-620-05	TRANSISTOR 2SC2603TP-EF	
Q163	8-729-141-30	TRANSISTOR 2SC3623ATP-LK	
Q165	8-729-029-86	TRANSISTOR DTC124ESA-TP	
Q331	8-729-140-04	TRANSISTOR 2SB1116-TP-LK	
Q332	8-729-029-66	TRANSISTOR DTC114ESA-TP	
Q333	8-729-140-04	TRANSISTOR 2SB1116-TP-LK	
Q334	8-729-029-66	TRANSISTOR DTC114ESA-TP	
Q335	8-729-029-66	TRANSISTOR DTC114ESA-TP	
Q336	8-729-116-59	TRANSISTOR 2SB1068TP	
Q337	8-729-045-21	TRANSISTOR 2SD1513TP-LK	(LX6: EA, MY, SP)
Q338	8-729-029-21	TRANSISTOR DTA114ESA-TP	(LX6: EA, MY, SP)
Q339	8-729-029-66	TRANSISTOR DTC114ESA-TP	
Q340	8-729-116-59	TRANSISTOR 2SB1068TP	(LX6: EA, MY, SP)
Q341	8-729-045-21	TRANSISTOR 2SD1513TP-LK	(LX6: EA, MY, SP)
Q342	8-729-029-21	TRANSISTOR DTA114ESA-TP	(LX6: EA, MY, SP)
Q343	8-729-029-66	TRANSISTOR DTC114ESA-TP	(LX6: EA, MY, SP)
Q801	8-729-620-05	TRANSISTOR 2SC2603TP-EF	
Q802	8-729-029-21	TRANSISTOR DTA114ESA-TP	
Q803	8-729-029-21	TRANSISTOR DTA114ESA-TP	
Q804	8-729-029-40	TRANSISTOR DTA124ESA-TP	
Q901	8-729-040-20	TRANSISTOR RT1P137L-TP	
Q902	8-729-029-40	TRANSISTOR DTA124ESA-TP	
Q903	8-729-040-19	TRANSISTOR RT1N137L-TP	
Q904	8-729-029-86	TRANSISTOR DTC124ESA-TP	
Q905	8-729-119-76	TRANSISTOR 2SA1115TP-EF	
Q906	8-729-029-68	TRANSISTOR DTC114TSA-TP	
Q911	8-729-040-20	TRANSISTOR RT1P137L-TP	
Q912	8-729-029-86	TRANSISTOR DTC124ESA-TP	
Q913	8-729-040-20	TRANSISTOR RT1P137L-TP	
Q914	8-729-029-86	TRANSISTOR DTC124ESA-TP	
Q931	8-729-040-20	TRANSISTOR RT1P137L-TP	
Q932	8-729-029-86	TRANSISTOR DTC124ESA-TP	
Q961	8-729-620-05	TRANSISTOR 2SC2603TP-EF	
Q962	8-729-140-04	TRANSISTOR 2SB1116-TP-LK	
		< RESISTOR >	
R111	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R112	1-216-121-00	RES, CHIP 1M 5% 1/10W	
R113	1-216-103-00	METAL CHIP 180K 5% 1/10W	
R114	1-216-043-00	RES, CHIP 560 5% 1/10W	
R115	1-216-089-00	RES, CHIP 47K 5% 1/10W	
R116	1-216-091-00	METAL CHIP 56K 5% 1/10W	
R117	1-216-073-00	METAL CHIP 10K 5% 1/10W	

Ref. No.	Part No.	Description			Remark
R118	1-216-089-00	RES, CHIP	47K	5%	1/10W
R119	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R120	1-216-097-00	RES, CHIP	100K	5%	1/10W
R121	1-216-073-00	METAL CHIP	10K	5%	1/10W
R122	1-216-295-00	SHORT	0		
R123	1-216-107-00	METAL CHIP	270K	5%	1/10W
R124	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R125	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R126	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R127	1-216-111-00	METAL CHIP	390K	5%	1/10W
R129	1-216-121-00	RES, CHIP	1M	5%	1/10W
R131	1-216-025-00	RES, CHIP	100	5%	1/10W
R132	1-216-025-00	RES, CHIP	100	5%	1/10W
R133	1-216-025-00	RES, CHIP	100	5%	1/10W
R161	1-216-073-00	METAL CHIP	10K	5%	1/10W
R162	1-216-121-00	RES, CHIP	1M	5%	1/10W
R163	1-216-103-00	METAL CHIP	180K	5%	1/10W
R164	1-216-043-00	RES, CHIP	560	5%	1/10W
R165	1-216-089-00	RES, CHIP	47K	5%	1/10W
R166	1-216-091-00	METAL CHIP	56K	5%	1/10W
R167	1-216-073-00	METAL CHIP	10K	5%	1/10W
R168	1-216-089-00	RES, CHIP	47K	5%	1/10W
R169	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R170	1-216-097-00	RES, CHIP	100K	5%	1/10W
R171	1-216-073-00	METAL CHIP	10K	5%	1/10W
R172	1-216-295-00	SHORT	0		
R173	1-216-107-00	METAL CHIP	270K	5%	1/10W
R174	1-216-073-00	METAL CHIP	10K	5%	1/10W
R175	1-216-097-00	RES, CHIP	100K	5%	1/10W
R177	1-216-111-00	METAL CHIP	390K	5%	1/10W
R178	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R179	1-216-121-00	RES, CHIP	1M	5%	1/10W
R301	1-216-085-00	METAL CHIP	33K	5%	1/10W
R302	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R303	1-216-025-00	RES, CHIP	100	5%	1/10W
R304	1-216-025-00	RES, CHIP	100	5%	1/10W
R305	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R306	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R307	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R308	1-216-065-00	RES, CHIP	4.7K	5%	1/10W
R309	1-216-081-00	METAL CHIP	22K	5%	1/10W
R311	1-216-121-00	RES, CHIP	1M	5%	1/10W
R312	1-216-102-00	RES, CHIP	160K	5%	1/10W
R313	1-216-097-00	RES, CHIP	100K	5%	1/10W
R315	1-216-073-00	METAL CHIP	10K	5%	1/10W
R316	1-216-079-00	METAL CHIP	18K	5%	1/10W
R317	1-216-073-00	METAL CHIP	10K	5%	1/10W
R318	1-216-073-00	METAL CHIP	10K	5%	1/10W
R319	1-216-111-00	METAL CHIP	390K	5%	1/10W
R321	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R322	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R332	1-216-045-00	METAL CHIP	680	5%	1/10W
R333	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R334	1-216-045-00	METAL CHIP	680	5%	1/10W
R335	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R336	1-216-089-00	RES, CHIP	47K	5%	1/10W
					(LX6: EA, MY, SP)

Ref. No.	Part No.	Description			Remark
R337	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
					(LX6: EA, MY, SP)
R338	1-216-045-00	METAL CHIP	680	5%	1/10W
					(LX6: EA, MY, SP)
R339	1-216-089-00	RES, CHIP	47K	5%	1/10W
					(LX6: EA, MY, SP)
R340	1-216-089-00	RES, CHIP	47K	5%	1/10W
R341	1-216-045-00	METAL CHIP	680	5%	1/10W
					(LX6: EA, MY, SP)
R342	1-216-089-00	RES, CHIP	47K	5%	1/10W
					(LX6: EA, MY, SP)
R343	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R344	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R345	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R346	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
					(LX6: EA, MY, SP)
R347	1-216-045-00	METAL CHIP	680	5%	1/10W
					(LX6: EA, MY, SP)
R348	1-216-045-00	METAL CHIP	680	5%	1/10W
					(LX6: EA, MY, SP)
R351	1-216-085-00	METAL CHIP	33K	5%	1/10W
R352	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R353	1-216-025-00	RES, CHIP	100	5%	1/10W
R354	1-216-025-00	RES, CHIP	100	5%	1/10W
R355	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R356	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R357	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R358	1-216-065-00	RES, CHIP	4.7K	5%	1/10W
R359	1-216-085-00	METAL CHIP	33K	5%	1/10W
R371	1-216-089-00	RES, CHIP	47K	5%	1/10W
R372	1-216-065-00	RES, CHIP	4.7K	5%	1/10W
R373	1-216-049-11	RES, CHIP	1K	5%	1/10W
R374	1-216-089-00	RES, CHIP	47K	5%	1/10W
R375	1-216-094-00	RES, CHIP	75K	5%	1/10W
R376	1-216-065-00	RES, CHIP	4.7K	5%	1/10W
R377	1-216-089-00	RES, CHIP	47K	5%	1/10W
R378	1-216-094-00	RES, CHIP	75K	5%	1/10W
R401	1-216-025-00	RES, CHIP	100	5%	1/10W
R402	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R413	1-216-295-00	SHORT	0		
R414	1-216-295-00	SHORT	0		
R451	1-216-025-00	RES, CHIP	100	5%	1/10W
R452	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R501	1-216-025-00	RES, CHIP	100	5%	1/10W
R503	1-216-025-00	RES, CHIP	100	5%	1/10W
R505	1-216-025-00	RES, CHIP	100	5%	1/10W
R511	1-216-109-00	METAL CHIP	330K	5%	1/10W
R513	1-216-295-00	SHORT	0		
R517	1-216-073-00	METAL CHIP	10K	5%	1/10W
R518	1-216-025-00	RES, CHIP	100	5%	1/10W
R519	1-216-025-00	RES, CHIP	100	5%	1/10W
R520	1-216-025-00	RES, CHIP	100	5%	1/10W
					(LX5)
R521	1-216-025-00	RES, CHIP	100	5%	1/10W
					(LX5)
R522	1-216-065-00	RES, CHIP	4.7K	5%	1/10W
R526	1-216-065-00	RES, CHIP	4.7K	5%	1/10W
R527	1-216-025-00	RES, CHIP	100	5%	1/10W
R528	1-216-025-00	RES, CHIP	100	5%	1/10W
R529	1-216-025-00	RES, CHIP	100	5%	1/10W

MAIN

Ref. No.	Part No.	Description			Remark
R530	1-216-025-00	RES, CHIP	100	5%	1/10W
R532	1-216-025-00	RES, CHIP	100	5%	1/10W
R533	1-216-025-00	RES, CHIP	100	5%	1/10W
R535	1-216-025-00	RES, CHIP	100	5%	1/10W
R536	1-216-025-00	RES, CHIP	100	5%	1/10W
R537	1-216-025-00	RES, CHIP	100	5%	1/10W
R538	1-216-025-00	RES, CHIP	100	5%	1/10W
R540	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R541	1-216-073-00	METAL CHIP	10K	5%	1/10W
R542	1-216-025-00	RES, CHIP	100	5%	1/10W
R543	1-216-025-00	RES, CHIP	100	5%	1/10W
R545	1-216-025-00	RES, CHIP	100	5%	1/10W
R546	1-216-025-00	RES, CHIP	100	5%	1/10W
R547	1-216-025-00	RES, CHIP	100	5%	1/10W
R548	1-216-025-00	RES, CHIP	100	5%	1/10W
R549	1-216-041-00	METAL CHIP	470	5%	1/10W
R550	1-216-025-00	RES, CHIP	100	5%	1/10W
R551	1-216-025-00	RES, CHIP	100	5%	1/10W
R552	1-216-025-00	RES, CHIP	100	5%	1/10W
R553	1-216-025-00	RES, CHIP	100	5%	1/10W
R554	1-216-025-00	RES, CHIP	100	5%	1/10W
R555	1-216-025-00	RES, CHIP	100	5%	1/10W
R556	1-216-025-00	RES, CHIP	100	5%	1/10W
R557	1-216-025-00	RES, CHIP	100	5%	1/10W
R558	1-216-025-00	RES, CHIP	100	5%	1/10W
R559	1-216-025-00	RES, CHIP	100	5%	1/10W
R561	1-216-025-00	RES, CHIP	100	5%	1/10W
R563	1-216-025-00	RES, CHIP	100	5%	1/10W
R565	1-216-025-00	RES, CHIP	100	5%	1/10W
R567	1-216-073-00	METAL CHIP	10K	5%	1/10W
R568	1-216-025-00	RES, CHIP	100	5%	1/10W
R569	1-216-025-00	RES, CHIP	100	5%	1/10W
R570	1-216-089-00	RES, CHIP	47K	5%	1/10W
R572	1-216-025-00	RES, CHIP	100	5%	1/10W
R573	1-216-025-00	RES, CHIP	100	5%	1/10W
R574	1-216-025-00	RES, CHIP	100	5%	1/10W
R575	1-216-025-00	RES, CHIP	100	5%	1/10W
R576	1-216-025-00	RES, CHIP	100	5%	1/10W
R577	1-216-025-00	RES, CHIP	100	5%	1/10W
R578	1-216-025-00	RES, CHIP	100	5%	1/10W
R579	1-216-025-00	RES, CHIP	100	5%	1/10W
R580	1-216-025-00	RES, CHIP	100	5%	1/10W
R581	1-216-025-00	RES, CHIP	100	5%	1/10W
R582	1-216-025-00	RES, CHIP	100	5%	1/10W
R583	1-216-025-00	RES, CHIP	100	5%	1/10W
R584	1-216-025-00	RES, CHIP	100	5%	1/10W
R585	1-216-025-00	RES, CHIP	100	5%	1/10W
R586	1-216-025-00	RES, CHIP	100	5%	1/10W
R587	1-216-025-00	RES, CHIP	100	5%	1/10W
R588	1-216-025-00	RES, CHIP	100	5%	1/10W
R589	1-216-025-00	RES, CHIP	100	5%	1/10W
R590	1-216-025-00	RES, CHIP	100	5%	1/10W
R591	1-216-025-00	RES, CHIP	100	5%	1/10W
R593	1-216-025-00	RES, CHIP	100	5%	1/10W
R594	1-216-295-00	SHORT	0		
R595	1-216-089-00	RES, CHIP	47K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R596	1-216-069-00	METAL CHIP	6.8K	5%	1/10W (LX5)
R596	1-216-081-00	METAL CHIP	22K	5%	1/10W (LX6: E, MX, AR)
R596	1-216-089-00	RES, CHIP	47K	5%	1/10W (LX6: EA, MY, SP, AUS)
R596	1-216-295-00	SHORT	0 (LX30/LX50)		
R597	1-216-061-00	METAL CHIP	3.3K	5%	1/10W (LX6: EA, MY, SP, AUS)
R597	1-216-089-00	RES, CHIP	47K	5%	1/10W (EXCEPT LX6: EA, MY, SP, AUS)
R600	1-216-025-00	RES, CHIP	100	5%	1/10W
R601	1-216-049-11	RES, CHIP	1K	5%	1/10W
R602	1-216-049-11	RES, CHIP	1K	5%	1/10W
R603	1-216-089-00	RES, CHIP	47K	5%	1/10W
R604	1-216-047-00	RES, CHIP	820	5%	1/10W (LX5/LX30/LX50)
R604	1-216-049-11	RES, CHIP	1K	5%	1/10W (LX6)
R605	1-216-115-00	METAL CHIP	560K	5%	1/10W
R606	1-216-089-00	RES, CHIP	47K	5%	1/10W
R607	1-216-049-11	RES, CHIP	1K	5%	1/10W
R608	1-216-097-00	RES, CHIP	100K	5%	1/10W
R609	1-216-033-00	METAL CHIP	220	5%	1/10W
R651	1-216-049-11	RES, CHIP	1K	5%	1/10W
R652	1-216-049-11	RES, CHIP	1K	5%	1/10W
R653	1-216-089-00	RES, CHIP	47K	5%	1/10W
R654	1-216-047-00	RES, CHIP	820	5%	1/10W (LX5/LX30/LX50)
R654	1-216-049-11	RES, CHIP	1K	5%	1/10W (LX6)
R655	1-216-115-00	METAL CHIP	560K	5%	1/10W
R656	1-216-089-00	RES, CHIP	47K	5%	1/10W
R657	1-216-049-11	RES, CHIP	1K	5%	1/10W
R658	1-216-097-00	RES, CHIP	100K	5%	1/10W
R659	1-216-033-00	METAL CHIP	220	5%	1/10W
R701	1-216-049-11	RES, CHIP	1K	5%	1/10W
R702	1-216-097-00	RES, CHIP	100K	5%	1/10W
R703	1-216-049-11	RES, CHIP	1K	5%	1/10W
R704	1-216-097-00	RES, CHIP	100K	5%	1/10W
R705	1-216-049-11	RES, CHIP	1K	5%	1/10W
R706	1-216-097-00	RES, CHIP	100K	5%	1/10W
R707	1-216-049-11	RES, CHIP	1K	5%	1/10W (LX5/LX6: MX/LX30/LX50)
R708	1-216-049-11	RES, CHIP	1K	5%	1/10W (LX5/LX6: MX/LX30/LX50)
R709	1-216-049-11	RES, CHIP	1K	5%	1/10W (LX5/LX6: MX/LX30/LX50)
R710	1-216-049-11	RES, CHIP	1K	5%	1/10W (LX5/LX6: MX/LX30/LX50)
R719	1-216-097-00	RES, CHIP	100K	5%	1/10W (LX5/LX6: MX/LX30/LX50)
R720	1-216-097-00	RES, CHIP	100K	5%	1/10W (LX5/LX6: MX/LX30/LX50)
R721	1-216-022-00	METAL CHIP	75	5%	1/10W
R722	1-216-015-00	METAL CHIP	39	5%	1/10W
R724	1-216-073-00	METAL CHIP	10K	5%	1/10W
R751	1-216-049-11	RES, CHIP	1K	5%	1/10W
R752	1-216-097-00	RES, CHIP	100K	5%	1/10W
R753	1-216-049-11	RES, CHIP	1K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R754	1-216-097-00	RES, CHIP	100K	5%	1/10W
R755	1-216-049-11	RES, CHIP	1K	5%	1/10W
R756	1-216-097-00	RES, CHIP	100K	5%	1/10W
R801	1-216-049-11	RES, CHIP	1K	5%	1/10W
R802	1-216-065-00	RES, CHIP	4.7K	5%	1/10W
R803	1-216-025-00	RES, CHIP	100	5%	1/10W
R804	1-216-089-00	RES, CHIP	47K	5%	1/10W
R805	1-216-089-00	RES, CHIP	47K	5%	1/10W
R806	1-216-073-00	METAL CHIP	10K	5%	1/10W
R807	1-216-073-00	METAL CHIP	10K	5%	1/10W
R808	1-216-049-11	RES, CHIP	1K	5%	1/10W
R809	1-216-097-00	RES, CHIP	100K	5%	1/10W
R810	1-216-033-00	METAL CHIP	220	5%	1/10W
R811	1-216-097-00	RES, CHIP	100K	5%	1/10W
R901	1-216-065-00	RES, CHIP	4.7K	5%	1/10W
R902	1-216-081-00	METAL CHIP	22K	5%	1/10W
R903	1-216-049-11	RES, CHIP	1K	5%	1/10W
R961	1-216-065-00	RES, CHIP	4.7K	5%	1/10W
R962	1-216-079-00	METAL CHIP	18K	5%	1/10W
R963	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
		< VARIABLE RESISTOR >			
RV301	1-238-600-11	RES, ADJ, CARBON 10K			
RV351	1-238-600-11	RES, ADJ, CARBON 10K			
		< VIBRATOR >			
X501	1-567-098-41	VIBRATOR, CRYSTAL (32.768kHz)			
X502	1-781-107-21	VIBRATOR, SERAMIC (16MHz)			
**********					
	A-4428-180-A	MIC BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C801	1-162-306-11	CERAMIC	0.01uF	30%	16V
C802	1-162-215-31	CERAMIC	47PF	5%	50V
C803	1-126-960-11	ELECT	1uF	20%	50V
C804	1-126-959-11	ELECT	0.47uF	20%	50V
C805	1-162-294-31	CERAMIC	0.001uF	10%	50V
C806	1-162-215-31	CERAMIC	47PF	5%	50V
C810	1-162-286-21	CERAMIC	220PF	10%	50V
C813	1-137-370-11	MYLAR	0.01uF	5%	50V
C814	1-162-215-31	CERAMIC	47PF	5%	50V
C815	1-162-215-31	CERAMIC	47PF	5%	50V
C816	1-126-961-11	ELECT	2.2uF	20%	50V
C817	1-126-961-11	ELECT	2.2uF	20%	50V
C818	1-162-215-31	CERAMIC	47PF	5%	50V
C819	1-162-282-31	CERAMIC	100PF	10%	50V
C821	1-104-664-11	ELECT	47uF	20%	16V
C822	1-104-664-11	ELECT	47uF	20%	16V
C836	1-162-306-11	CERAMIC	0.01uF	30%	16V
		< CONNECTOR >			
CN813	1-785-320-11	PIN, CONNECTOR (STRAIGHT) 8P			
		< EARTH TERMINAL >			
* EPT802	1-537-738-21	TERMINAL, EARTH			

Ref. No.	Part No.	Description			Remark
		< FILTER >			
FL801	1-424-228-11	FILTER, NOISE			
		< IC >			
IC850	8-759-634-50	IC M5218AL			
IC852	8-759-634-50	IC M5218AL			
		< JACK >			
J801	1-770-226-41	JACK (LARGE TYPE) (MIX MIC)			
J802	1-770-226-41	JACK (LARGE TYPE) (GUITAR)			
		< RESISTOR >			
R806	1-247-903-00	CARBON	1M	5%	1/4W
R807	1-249-429-11	CARBON	10K	5%	1/4W
R809	1-249-417-11	CARBON	1K	5%	1/4W
R850	1-249-417-11	CARBON	1K	5%	1/4W
R852	1-249-441-11	CARBON	100K	5%	1/4W
R853	1-249-417-11	CARBON	1K	5%	1/4W
R854	1-249-437-11	CARBON	47K	5%	1/4W
R855	1-249-429-11	CARBON	10K	5%	1/4W
R856	1-247-891-00	CARBON	330K	5%	1/4W
R857	1-249-417-11	CARBON	1K	5%	1/4W
R869	1-249-434-11	CARBON	27K	5%	1/4W
R870	1-247-903-00	CARBON	1M	5%	1/4W
R871	1-249-417-11	CARBON	1K	5%	1/4W
R872	1-249-421-11	CARBON	2.2K	5%	1/4W
R873	1-249-417-11	CARBON	1K	5%	1/4W
R874	1-249-417-11	CARBON	1K	5%	1/4W
**********					
	A-4428-193-A	PA BOARD, COMPLETE (LX50)			
	A-4428-205-A	PA BOARD, COMPLETE (LX5)			
	A-4428-212-A	PA BOARD, COMPLETE (LX6: E, MX, AR)			
	A-4428-440-A	PA BOARD, COMPLETE (LX30)			
	A-4428-751-A	PA BOARD, COMPLETE (LX6: EA, MY, SP)			
	A-4428-758-A	PA BOARD, COMPLETE (LX6: AUS)			
		**********			
		< CAPACITOR >			
C401	1-126-963-11	ELECT	4.7uF	20%	50V
C402	1-164-159-21	CERAMIC	0.1uF		50V (LX5)
C403	1-164-159-21	CERAMIC	0.1uF		50V (LX5)
C404	1-164-159-21	CERAMIC	0.1uF		50V (LX5)
C405	1-164-159-21	CERAMIC	0.1uF		50V (LX5)
C412	1-161-494-00	CERAMIC	0.022uF		25V
C413	1-161-494-00	CERAMIC	0.022uF		25V
C432	1-104-665-11	ELECT	100uF	20%	10V
C433	1-126-961-11	ELECT	2.2uF	20%	50V (LX5/LX30/LX50)
C433	1-126-962-11	ELECT	3.3uF	20%	50V (LX6)
C801	1-128-582-11	ELECT	10uF	20%	100V
C802	1-162-292-31	CERAMIC	680PF	10%	50V
C803	1-162-286-21	CERAMIC	220PF	10%	50V
C804	1-126-967-11	ELECT	47uF	20%	50V

PA

Ref. No.	Part No.	Description			Remark
C807	1-128-560-11	ELECT	22uF	20%	100V
C808	1-130-777-00	MYLAR	0.1uF	10%	100V
C809	1-130-777-00	MYLAR	0.1uF	10%	100V
C810	1-128-562-11	ELECT	47uF	20%	100V (LX6)
C810	1-128-578-11	ELECT	1uF	20%	100V (LX5/LX30/LX50)
C811	1-130-493-00	MYLAR	0.068uF	5%	50V
C812	1-130-493-00	MYLAR	0.068uF	5%	50V
C813	1-161-494-00	CERAMIC	0.022uF		25V
C814	1-162-294-31	CERAMIC	0.001uF	10%	50V
C815	1-126-959-11	ELECT	0.47uF	20%	50V
C830	1-107-714-11	ELECT	10uF	20%	50V
C831	1-126-964-11	ELECT	10uF	20%	50V
C832	1-126-967-11	ELECT	47uF	20%	50V
C841	1-127-751-11	ELECT	3300uF	20%	50V (LX6: EA, MY, SP, AUS)
C841	1-127-753-11	ELECT	3300uF	20%	71V (LX5/LX30/LX50)
C841	1-127-811-11	ELECT	3300uF	20%	50V (LX6: E, MX, AR)
C842	1-127-755-11	ELECT	3300uF	20%	100V (LX6: EA, MY, SP, AUS)
C842	1-127-815-11	ELECT	3300uF	20%	100V (LX6: E, MX, AR)
C844	1-130-777-00	MYLAR	0.1uF	10%	100V (LX6)
C845	1-126-943-11	ELECT	2200uF	20%	25V
C847	1-164-159-21	CERAMIC	0.1uF		50V
C848	1-164-159-21	CERAMIC	0.1uF		50V
C849	1-164-159-21	CERAMIC	0.1uF		50V
C850	1-107-721-11	ELECT	4.7uF	20%	100V
C851	1-128-582-11	ELECT	10uF	20%	100V
C852	1-162-292-31	CERAMIC	680PF	10%	50V
C853	1-162-286-21	CERAMIC	220PF	10%	50V
C854	1-126-967-11	ELECT	47uF	20%	50V
C857	1-128-560-11	ELECT	22uF	20%	100V
C858	1-164-159-21	CERAMIC	0.1uF		50V
C859	1-164-159-21	CERAMIC	0.1uF		50V
C861	1-130-493-00	MYLAR	0.068uF	5%	50V
C862	1-130-493-00	MYLAR	0.068uF	5%	50V
C863	1-126-961-11	ELECT	2.2uF	20%	50V (LX5/LX30/LX50)
C891	1-127-751-11	ELECT	3300uF	20%	50V (LX6: EA, MY, SP, AUS)
C891	1-127-753-11	ELECT	3300uF	20%	71V (LX5/LX30/LX50
C891	1-127-811-11	ELECT	3300uF	20%	50V (LX6: E, MX, AR)
C892	1-127-755-11	ELECT	3300uF	20%	100V (LX6: EA, MY, SP, AUS)
C892	1-127-815-11	ELECT	3300uF	20%	100V (LX6: E, MX, AR)
C894	1-130-777-00	MYLAR	0.1uF	10%	100V (LX6)
C895	1-107-721-11	ELECT	4.7uF	20%	100V
C902	1-164-159-21	CERAMIC	0.1uF		50V (LX5/LX30/LX50)
C903	1-126-933-11	ELECT	100uF	20%	16V (LX5/LX30/LX50)
C904	1-126-964-11	ELECT	10uF	20%	50V
C905	1-126-968-11	ELECT	100uF	20%	50V
C906	1-126-943-11	ELECT	2200uF	20%	25V (LX5/LX30/LX50)
C908	1-164-159-21	CERAMIC	0.1uF		50V (LX5/LX30/LX50)
C909	1-164-159-21	CERAMIC	0.1uF		50V
C910	1-104-665-11	ELECT	100uF	20%	10V (LX5/LX30/LX50)
C962	1-128-563-11	ELECT	100uF	20%	100V (LX5/LX30/LX50)

< CONNECTOR >

* CN803	1-770-747-11	CONNECTOR, BOARD TO BOARD 12P (LX30)	
CN803	1-778-981-21	CONNECTOR, BOARD TO BOARD 13P	(LX5/LX6/LX50)
* CN804	1-770-747-11	CONNECTOR, BOARD TO BOARD 12P (LX30)	
CN804	1-778-981-21	CONNECTOR, BOARD TO BOARD 13P	(LX5/LX6/LX50)
CN904	1-785-320-11	PIN, CONNECTOR (STRAIGHT) 8P	(LX5/LX30/LX50)

< DIODE >

D401	8-719-991-33	DIODE	1SS133T-77
D402	8-719-991-33	DIODE	1SS133T-77
D405	8-719-991-33	DIODE	1SS133T-77
D406	8-719-991-33	DIODE	1SS133T-77
D801	8-719-991-33	DIODE	1SS133T-77
D802	8-719-110-39	DIODE	MTZJ-T-77-15A (LX6)
D803	8-719-991-33	DIODE	1SS133T-77
D804	8-719-991-33	DIODE	1SS133T-77
D805	8-719-991-33	DIODE	1SS133T-77
D831	8-719-510-68	DIODE	D5SBA204101 (LX6)
D833	8-719-200-82	DIODE	11ES2-NTA1B
D834	8-719-200-82	DIODE	11ES2-NTA1B
D835	8-719-200-82	DIODE	11ES2-NTA1B
D836	8-719-200-82	DIODE	11ES2-NTA1B
D841	8-719-200-82	DIODE	11ES2-NTA1B
D842	8-719-200-82	DIODE	11ES2-NTA1B
D843	8-719-200-82	DIODE	11ES2-NTA1B
D844	8-719-200-82	DIODE	11ES2-NTA1B
D851	8-719-991-33	DIODE	1SS133T-77
D852	8-719-110-39	DIODE	MTZJ-T-77-15A (LX6)
D853	8-719-991-33	DIODE	1SS133T-77 (LX5/LX30/LX50)
D902	8-719-210-21	DIODE	11EQS04-NTA1B (LX5/LX30/LX50)
D903	8-719-210-21	DIODE	11EQS04-NTA1B (LX5/LX30/LX50)
D904	8-719-210-21	DIODE	11EQS04-NTA1B (LX5/LX30/LX50)
D905	8-719-210-21	DIODE	11EQS04-NTA1B (LX5/LX30/LX50)
D906	8-719-991-33	DIODE	1SS133T-77 (LX5/LX30/LX50)
D907	8-719-200-82	DIODE	11ES2-NTA1B (LX5/LX30/LX50)
D908	8-719-200-82	DIODE	11ES2-NTA1B (LX5/LX30/LX50)
D909	8-719-200-82	DIODE	11ES2-NTA1B (LX5/LX30/LX50)
D910	8-719-200-82	DIODE	11ES2-NTA1B (LX5/LX30/LX50)
D911	8-719-982-24	DIODE	MTZJ-T-77-33A
D912	8-719-109-89	DIODE	MTZJ-T-77-5.6
D913	8-719-991-33	DIODE	1SS133T-77 (LX5/LX30/LX50)

< GROUND PLATE >

EPT801	4-870-539-41	PLATE, GROUND

Ref. No.	Part No.	Description				Remark
EPT802	4-870-539-41	PLATE, GROUND				
		< IC >				
IC801	8-749-017-05	IC STK412-040 (LX6)				
IC801	8-749-017-16	IC STK442-130 (LX5/LX30/LX50)				
IC901	8-759-450-47	IC BA05T (LX5/LX30/LX50)				
		< COIL >				
L401	1-420-872-00	COIL, AIR-CORE (LX5)				
L402	1-420-872-00	COIL, AIR-CORE (LX5)				
		< TRANSISTOR >				
Q401	8-729-029-21	TRANSISTOR	DTA114ESA-TP (LX6)			
Q401	8-729-140-82	TRANSISTOR	2SA988TP-PAFAEA			(LX5/LX30/LX50)
Q402	8-729-140-84	TRANSISTOR	2SC1841TP-PAFAEA			
Q431	8-729-140-84	TRANSISTOR	2SC1841TP-PAFAEA			
Q432	8-729-119-76	TRANSISTOR	2SA1115TP-EF			
Q433	8-729-620-05	TRANSISTOR	2SC2603TP-EF			
Q434	8-729-620-05	TRANSISTOR	2SC2603TP-EF			
Q437	8-729-620-05	TRANSISTOR	2SC2603TP-EF			
Q439	8-729-620-05	TRANSISTOR	2SC2603TP-EF			
Q801	8-729-140-84	TRANSISTOR	2SC1841TP-PAFAEA			
Q803	8-729-140-82	TRANSISTOR	2SA988TP-PAFAEA			
Q804	8-729-140-84	TRANSISTOR	2SC1841TP-PAFAEA			
Q805	8-729-231-55	TRANSISTOR	2SC2878AB-TPE2			
Q831	8-729-029-86	TRANSISTOR	DTC124ESA-TP			
Q832	8-729-620-05	TRANSISTOR	2SC2603TP-EF			
Q833	8-729-029-40	TRANSISTOR	DTA124ESA-TP			
Q834	8-729-140-84	TRANSISTOR	2SC1841TP-PAFAEA			
Q851	8-729-140-84	TRANSISTOR	2SC1841TP-PAFAEA			
Q855	8-729-231-55	TRANSISTOR	2SC2878AB-TPE2			
Q901	8-729-620-05	TRANSISTOR	2SC2603TP-EF			(LX5/LX30/LX50)
Q902	8-729-040-19	TRANSISTOR	RT1N137L-TP			(LX5/LX30/LX50)
Q903	8-729-048-52	TRANSISTOR	2SA1932 (TP) (LX6)			
Q903	8-729-118-01	TRANSISTOR	2SB1014TP-34			(LX5/LX30/LX50)
Q904	8-729-048-13	TRANSISTOR	2SC3616-KLM-T1			(LX5/LX30/LX50)
Q905	8-729-048-13	TRANSISTOR	2SC3616-KLM-T1			(LX5/LX30/LX50)
Q906	8-729-029-21	TRANSISTOR	DTA114ESA-TP			(LX5/LX30/LX50)
Q907	8-729-029-21	TRANSISTOR	DTA114ESA-TP			(LX5/LX30/LX50)
Q908	8-729-119-76	TRANSISTOR	2SA1115TP-EF (LX6)			
		< RESISTOR >				
⚠R401	1-215-893-11	METAL OXIDE	1.5K	5%	2W F	(LX5/LX30/LX50)
⚠R401	1-216-431-11	METAL OXIDE	560	5%	1W F	(LX6)
R406	1-249-437-11	CARBON	47K	5%	1/4W	
R407	1-249-437-11	CARBON	47K	5%	1/4W	
R410	1-249-389-11	CARBON	4.7	5%	1/4W	(LX5)

Ref. No.	Part No.	Description			Remark
R411	1-249-389-11	CARBON	4.7	5%	1/4W (LX5)
R412	1-249-389-11	CARBON	4.7	5%	1/4W (LX5)
R413	1-249-389-11	CARBON	4.7	5%	1/4W (LX5)
R414	1-260-076-11	CARBON	10	5%	1/2W (LX5)
R415	1-260-076-11	CARBON	10	5%	1/2W (LX5)
R429	1-249-437-11	CARBON	47K	5%	1/4W
R431	1-249-438-11	CARBON	56K	5%	1/4W
R432	1-249-437-11	CARBON	47K	5%	1/4W
R434	1-247-863-11	CARBON	22K	5%	1/4W
R435	1-249-425-11	CARBON	4.7K	5%	1/4W (LX6)
R437	1-249-429-11	CARBON	10K	5%	1/4W
⚠R439	1-249-425-11	CARBON	4.7K	5%	1/4W F
R440	1-247-863-11	CARBON	22K	5%	1/4W (LX6)
R440	1-249-437-11	CARBON	47K	5%	1/4W (LX5/LX30/LX50)
R441	1-249-435-11	CARBON	33K	5%	1/4W
R446	1-249-429-11	CARBON	10K	5%	1/4W
R447	1-249-437-11	CARBON	47K	5%	1/4W
R460	1-249-429-11	CARBON	10K	5%	1/4W (LX5/LX30/LX50)
R801	1-249-417-11	CARBON	1K	5%	1/4W
R802	1-249-437-11	CARBON	47K	5%	1/4W
R803	1-249-415-11	CARBON	680	5%	1/4W
R804	1-249-435-11	CARBON	33K	5%	1/4W
⚠R805	1-216-436-00	METAL OXIDE	3.9K	5%	1W F (LX6)
⚠R806	1-216-436-00	METAL OXIDE	3.9K	5%	1W F (LX6)
⚠R807	1-212-881-11	FUSIBLE	100	5%	1/4W F
⚠R808	1-220-893-11	METAL	0.22	10%	5W F
R809	1-260-076-11	CARBON	10	5%	1/2W
R810	1-249-437-11	CARBON	47K	5%	1/4W
R811	1-249-417-11	CARBON	1K	5%	1/4W
R812	1-249-431-11	CARBON	15K	5%	1/4W
R813	1-249-441-11	CARBON	100K	5%	1/4W
R814	1-249-421-11	CARBON	2.2K	5%	1/4W
R815	1-247-863-11	CARBON	22K	5%	1/4W
R816	1-249-429-11	CARBON	10K	5%	1/4W
R817	1-249-421-11	CARBON	2.2K	5%	1/4W
R818	1-249-417-11	CARBON	1K	5%	1/4W
R819	1-249-439-11	CARBON	68K	5%	1/4W
⚠R820	1-202-972-61	FUSIBLE	1	5%	1/4W F
R821	1-249-435-11	CARBON	33K	5%	1/4W
R822	1-247-863-11	CARBON	22K	5%	1/4W
R823	1-247-863-11	CARBON	22K	5%	1/4W
R824	1-249-413-11	CARBON	470	5%	1/4W (LX6)
R824	1-249-418-11	CARBON	1.2K	5%	1/4W (LX5/LX30/LX50)
⚠R825	1-215-891-11	METAL OXIDE	680	5%	2W F
R827	1-249-441-11	CARBON	100K	5%	1/4W
R828	1-247-903-00	CARBON	1M	5%	1/4W
R831	1-249-441-11	CARBON	100K	5%	1/4W

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le neméro spécifié.

PA PANEL FL

Ref. No.	Part No.	Description			Remark
R832	1-249-441-11	CARBON	100K	5%	1/4W
R833	1-247-858-11	CARBON	13K	5%	1/4W
R834	1-249-429-11	CARBON	10K	5%	1/4W
R835	1-249-437-11	CARBON	47K	5%	1/4W
R836	1-249-417-11	CARBON	1K	5%	1/4W
R837	1-249-435-11	CARBON	33K	5%	1/4W
R838	1-249-435-11	CARBON	33K	5%	1/4W
⚠R839	1-215-877-11	METAL OXIDE	22K	5%	1W F (LX6)
R840	1-249-402-11	CARBON	56	5%	1/4W
R851	1-249-417-11	CARBON	1K	5%	1/4W
R852	1-249-437-11	CARBON	47K	5%	1/4W
R853	1-249-415-11	CARBON	680	5%	1/4W
⚠R855	1-215-891-11	METAL OXIDE	680	5%	2W F
⚠R857	1-212-881-11	FUSIBLE	100	5%	1/4W F
⚠R858	1-220-893-11	METAL	0.22	10%	5W F
R859	1-260-076-11	CARBON	10	5%	1/2W
R860	1-249-437-11	CARBON	47K	5%	1/4W
R861	1-249-417-11	CARBON	1K	5%	1/4W
R862	1-249-431-11	CARBON	15K	5%	1/4W
R863	1-249-441-11	CARBON	100K	5%	1/4W
R864	1-249-425-11	CARBON	4.7K	5%	1/4W (LX5/LX30/LX50)
R865	1-247-863-11	CARBON	22K	5%	1/4W (LX5/LX30/LX50)
R868	1-249-417-11	CARBON	1K	5%	1/4W
R880	1-249-402-11	CARBON	56	5%	1/4W
⚠R888	1-220-893-11	METAL	0.22	10%	5W F
⚠R889	1-215-877-11	METAL OXIDE	22K	5%	1W F (LX6)
⚠R898	1-220-893-11	METAL	0.22	5%	5W F
R901	1-249-429-11	CARBON	10K	5%	1/4W (LX5/LX30/LX50)
R902	1-249-441-11	CARBON	100K	5%	1/4W (LX5/LX30/LX50)
R903	1-249-429-11	CARBON	10K	5%	1/4W
R904	1-249-417-11	CARBON	1K	5%	1/4W
R905	1-249-429-11	CARBON	10K	5%	1/4W
R906	1-247-807-31	CARBON	100	5%	1/4W
R907	1-247-807-31	CARBON	100	5%	1/4W
R908	1-247-807-31	CARBON	100	5%	1/4W (LX5/LX30/LX50)
R911	1-249-429-11	CARBON	10K	5%	1/4W (LX5/LX30/LX50)
R912	1-249-429-11	CARBON	10K	5%	1/4W (LX5/LX30/LX50)
R915	1-247-791-91	CARBON	22	5%	1/4W (LX6)
⚠R916	1-215-916-00	METAL OXIDE	680	5%	3W F (LX6)
		< RELAY >			
RY401	1-755-168-11	RELAY			
		< THERMISTOR >			
TH831	1-807-796-11	THERMISTOR			
		< TERMINAL >			
TM401	1-537-842-11	TERMINAL BOARD (FRONT SPEAKER)			
TM402	1-537-240-11	TERMINAL BOARD (CHECKER PIN) (REAR SURROUND SPEAKER) (LX50)			
**********					
	A-4428-165-A	PANEL FL BOARD, COMPLETE **********			
	4-225-511-01	HOLDER (FL)			
*	4-949-935-81	CUSHION (FL)			
		< CAPACITOR >			
C601	1-124-589-11	ELECT	47uF	20%	16V
C602	1-162-306-11	CERAMIC	0.01uF	30%	16V
C603	1-164-159-21	CERAMIC	0.1uF		50V
C604	1-126-960-11	ELECT	1uF	20%	50V
C606	1-126-960-11	ELECT	1uF	20%	50V
C616	1-162-294-31	CERAMIC	0.001uF	10%	50V
C617	1-162-306-11	CERAMIC	0.01uF	30%	16V
C621	1-126-964-11	ELECT	10uF	20%	50V
C622	1-162-303-11	CERAMIC	0.0033uF	30%	16V
C623	1-126-964-11	ELECT	10uF	20%	50V
C624	1-104-664-11	ELECT	47uF	20%	16V
C625	1-126-963-11	ELECT	4.7uF	20%	50V
C626	1-126-964-11	ELECT	10uF	20%	50V
C641	1-162-286-21	CERAMIC	220PF	10%	50V
C642	1-162-286-21	CERAMIC	220PF	10%	50V
C643	1-162-286-21	CERAMIC	220PF	10%	50V
C644	1-162-286-21	CERAMIC	220PF	10%	50V
C645	1-162-286-21	CERAMIC	220PF	10%	50V
C646	1-162-286-21	CERAMIC	220PF	10%	50V
C647	1-162-286-21	CERAMIC	220PF	10%	50V
C648	1-162-286-21	CERAMIC	220PF	10%	50V
C649	1-162-286-21	CERAMIC	220PF	10%	50V
C650	1-162-286-21	CERAMIC	220PF	10%	50V
C651	1-162-286-21	CERAMIC	220PF	10%	50V
C652	1-162-286-21	CERAMIC	220PF	10%	50V
C653	1-162-286-21	CERAMIC	220PF	10%	50V
C654	1-162-286-21	CERAMIC	220PF	10%	50V
C655	1-162-286-21	CERAMIC	220PF	10%	50V
C656	1-162-286-21	CERAMIC	220PF	10%	50V
		< CONNECTOR >			
CN601	1-784-735-11	CONNECTOR, FFC 13P			
CN602	1-784-782-11	CONNECTOR, FFC 21P			
		< DIODE >			
D601	8-719-071-44	LED SELS5223C-TP15 (I/⏻)			
D602	8-719-058-04	LED SEL5223S-TP15 (DAILY)			
D603	8-719-058-04	LED SEL5223S-TP15 (REC)			
D604	8-719-058-04	LED SEL5223S-TP15 (SYNC EQ)			
D605	8-719-058-04	LED SEL5223S-TP15 (SYNC BASS)			
D608	8-719-050-84	DIODE RB441Q-40T-77			
D617	8-719-058-04	LED SEL5223S-TP15 (SURROUND)			
		< FILTER >			
FL601	1-517-941-11	INDICATOR TUBE, FLUORESCENT			

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Ref. No.	Part No.	Description			Remark
		< IC >			
IC601	8-759-653-43	IC TMP88CS76F-1A25			
IC603	8-759-083-77	IC BA3830F			
		< COIL >			
L601	1-410-517-11	INDUCTOR	47uH		
L602	1-410-517-11	INDUCTOR	47uH		
L603	1-410-517-11	INDUCTOR	47uH		
		< LINE FILTER >			
LF601	1-424-228-11	FILTER, NOISE			
		< TRANSISTOR >			
Q601	8-729-620-05	TRANSISTOR	2SC2603TP-EF		
Q602	8-729-140-04	TRANSISTOR	2SB1116-TP-LK		
Q603	8-729-140-04	TRANSISTOR	2SB1116-TP-LK		
Q605	8-729-029-23	TRANSISTOR	DTA114TSA-TP		
Q606	8-729-029-23	TRANSISTOR	DTA114TSA-TP		
Q607	8-729-029-23	TRANSISTOR	DTA114TSA-TP		
Q608	8-729-047-58	TRANSISTOR	DTC114TLTL2		
Q609	8-729-047-58	TRANSISTOR	DTC114TLTL2		
Q610	8-729-047-58	TRANSISTOR	DTC114TLTL2		
		< RESISTOR >			
R601	1-247-893-11	CARBON	390K	5%	1/4W
R602	1-247-893-11	CARBON	390K	5%	1/4W
R603	1-249-441-11	CARBON	100K	5%	1/4W
R604	1-249-441-11	CARBON	100K	5%	1/4W
R605	1-247-807-31	CARBON	100	5%	1/4W
R608	1-249-435-11	CARBON	33K	5%	1/4W
R609	1-247-895-00	CARBON	470K	5%	1/4W
R611	1-249-429-11	CARBON	10K	5%	1/4W
R612	1-247-807-31	CARBON	100	5%	1/4W
R613	1-247-807-31	CARBON	100	5%	1/4W
R614	1-247-807-31	CARBON	100	5%	1/4W
R615	1-249-429-11	CARBON	10K	5%	1/4W
R616	1-249-429-11	CARBON	10K	5%	1/4W
R617	1-249-429-11	CARBON	10K	5%	1/4W
R618	1-249-429-11	CARBON	10K	5%	1/4W
R619	1-249-429-11	CARBON	10K	5%	1/4W
R620	1-249-429-11	CARBON	10K	5%	1/4W
R621	1-249-429-11	CARBON	10K	5%	1/4W
R622	1-249-429-11	CARBON	10K	5%	1/4W
R623	1-247-903-00	CARBON	1M	5%	1/4W
R624	1-247-807-31	CARBON	100	5%	1/4W
R625	1-247-807-31	CARBON	100	5%	1/4W
R626	1-249-429-11	CARBON	10K	5%	1/4W
R627	1-247-807-31	CARBON	100	5%	1/4W
R628	1-249-429-11	CARBON	10K	5%	1/4W
R629	1-247-807-31	CARBON	100	5%	1/4W
R630	1-249-429-11	CARBON	10K	5%	1/4W
R631	1-249-410-11	CARBON	270	5%	1/4W
R632	1-249-411-11	CARBON	330	5%	1/4W
R633	1-249-413-11	CARBON	470	5%	1/4W
R634	1-249-414-11	CARBON	560	5%	1/4W
R642	1-249-415-11	CARBON	680	5%	1/4W
R644	1-249-418-11	CARBON	1.2K	5%	1/4W
R645	1-249-420-11	CARBON	1.8K	5%	1/4W
R646	1-249-417-11	CARBON	1K	5%	1/4W
R647	1-249-410-11	CARBON	270	5%	1/4W
R648	1-249-411-11	CARBON	330	5%	1/4W
R649	1-249-413-11	CARBON	470	5%	1/4W
R650	1-249-414-11	CARBON	560	5%	1/4W
R652	1-249-437-11	CARBON	47K	5%	1/4W
R653	1-249-417-11	CARBON	1K	5%	1/4W
R654	1-249-437-11	CARBON	47K	5%	1/4W
R655	1-249-417-11	CARBON	1K	5%	1/4W
R656	1-249-438-11	CARBON	56K	5%	1/4W
R659	1-249-411-11	CARBON	330	5%	1/4W
R660	1-249-411-11	CARBON	330	5%	1/4W
R661	1-249-407-11	CARBON	150	5%	1/4W
R662	1-249-407-11	CARBON	150	5%	1/4W
R665	1-249-441-11	CARBON	100K	5%	1/4W
R666	1-249-441-11	CARBON	100K	5%	1/4W
R667	1-249-441-11	CARBON	100K	5%	1/4W
R680	1-249-411-11	CARBON	330	5%	1/4W
R681	1-249-440-11	CARBON	82K	5%	1/4W
R682	1-249-420-11	CARBON	1.8K	5%	1/4W
R683	1-249-437-11	CARBON	47K	5%	1/4W
R684	1-249-440-11	CARBON	82K	5%	1/4W
R685	1-249-429-11	CARBON	10K	5%	1/4W
R686	1-249-410-11	CARBON	270	5%	1/4W
R687	1-249-410-11	CARBON	270	5%	1/4W
R688	1-249-413-11	CARBON	470	5%	1/4W
R689	1-249-411-11	CARBON	330	5%	1/4W
R690	1-249-407-11	CARBON	150	5%	1/4W
R699	1-249-429-11	CARBON	10K	5%	1/4W
		< SWITCH >			
S601	1-762-875-21	SWITCH, KEYBOARD (I/⏻)			
S602	1-762-875-21	SWITCH, KEYBOARD (POWER SAVE/DEMO (STAND BY))			
S603	1-762-875-21	SWITCH, KEYBOARD (DISPLAY)			
S604	1-762-875-21	SWITCH, KEYBOARD (SPECTRUM ANALYZER)			
S612	1-762-875-21	SWITCH, KEYBOARD (FUNCTION)			
S614	1-762-875-21	SWITCH, KEYBOARD (SYNC EQ)			
S615	1-762-875-21	SWITCH, KEYBOARD (SYNC BASS)			
S617	1-762-875-21	SWITCH, KEYBOARD (DAILY)			
S618	1-762-875-21	SWITCH, KEYBOARD (REC)			
S619	1-762-875-21	SWITCH, KEYBOARD (SLEEP)			
S620	1-762-875-21	SWITCH, KEYBOARD (🕘/CLOCK SET)			
S632	1-762-875-21	SWITCH, KEYBOARD (MIX GUITAR/KARAOKE)			
S635	1-762-875-21	SWITCH, KEYBOARD (SURROUND)			
		< VIBRATOR >			
X601	1-781-312-11	VIBRATOR, CERAMIC (12.5MHz)			
**********					
	A-4428-168-A	PANEL VR BOARD, COMPLETE (LX6/LX30/LX50)			
	A-4428-198-A	PANEL VR BOARD, COMPLETE (LX5)			
		**********			
		< CAPACITOR >			
C701	1-162-600-11	CERAMIC	0.0047uF	30%	16V

PANEL VR

Ref. No.	Part No.	Description			Remark
C702	1-162-301-11	CERAMIC	0.0015uF	30%	16V
C703	1-162-302-11	CERAMIC	0.0022uF	30%	16V
C704	1-104-664-11	ELECT	47uF	20%	16V
C708	1-104-665-11	ELECT	100uF	20%	10V
C709	1-162-294-31	CERAMIC	0.001uF	10%	50V
C710	1-162-306-11	CERAMIC	0.01uF	30%	16V
C711	1-162-306-11	CERAMIC	0.01uF	30%	16V
		< CONNECTOR >			
CN701	1-568-864-11	CONNECTOR, FFC 21P			
		< DIODE >			
D606	8-719-058-03	LED SEL5423E-TP15 (TUNER/BAND)			
D607	8-719-058-04	LED SEL5223S-TP15 (ENTER/NEXT)			
D611	8-719-058-04	LED SEL5223S-TP15 (GROOVE)			
D612	8-719-058-04	LED SEL5223S-TP15 (SUPER WOOFER)			
D616	8-719-058-04	LED SEL5223S-TP15 (ENTER)			
D618	8-719-058-04	LED SEL5223S-TP15 (EFFECT)			
D619	8-719-301-60	LED SEL2910A-C-TP2 (MENU 2)			
D620	8-719-301-60	LED SEL2910A-C-TP2 (MENU 1)			
D621	8-719-301-60	LED SEL2910A-C-TP2 (P. FILE)			
D623	8-719-301-60	LED SEL2910A-C-TP2 (FILE 5)			
D624	8-719-301-60	LED SEL2910A-C-TP2 (FILE 4)			
D625	8-719-301-60	LED SEL2910A-C-TP2 (FILE 3)			
D626	8-719-301-60	LED SEL2910A-C-TP2 (FILE 2)			
D627	8-719-301-60	LED SEL2910A-C-TP2 (FILE 1)			
		< GROUND PLATE >			
EPT701	4-870-539-41	PLATE, GROUND			
		< IC >			
IC701	8-759-567-59	IC NJU3716L			
IC702	8-759-459-86	IC NJL64H400A			
		< COIL >			
L704	1-410-509-11	INDUCTOR	10uH		
		< RESISTOR >			
R724	1-249-422-11	CARBON	2.7K	5%	1/4W
R725	1-247-843-11	CARBON	3.3K	5%	1/4W
R726	1-249-425-11	CARBON	4.7K	5%	1/4W
R727	1-249-427-11	CARBON	6.8K	5%	1/4W
R728	1-249-429-11	CARBON	10K	5%	1/4W
R729	1-249-431-11	CARBON	15K	5%	1/4W
R730	1-249-434-11	CARBON	27K	5%	1/4W
R731	1-249-438-11	CARBON	56K	5%	1/4W
R732	1-247-804-11	CARBON	75	5%	1/4W
R733	1-249-407-11	CARBON	150	5%	1/4W
R734	1-249-429-11	CARBON	10K	5%	1/4W
R735	1-249-393-11	CARBON	10	5%	1/4W
R736	1-249-393-11	CARBON	10	5%	1/4W
R737	1-249-393-11	CARBON	10	5%	1/4W
R738	1-247-807-31	CARBON	100	5%	1/4W
R739	1-247-807-31	CARBON	100	5%	1/4W
R740	1-247-807-31	CARBON	100	5%	1/4W
R741	1-249-393-11	CARBON	10	5%	1/4W
R742	1-249-393-11	CARBON	10	5%	1/4W

Ref. No.	Part No.	Description			Remark
R743	1-249-393-11	CARBON	10	5%	1/4W
R744	1-249-401-11	CARBON	47	5%	1/4W
R750	1-249-393-11	CARBON	10	5%	1/4W
R751	1-249-393-11	CARBON	10	5%	1/4W
R761	1-249-411-11	CARBON	330	5%	1/4W
R762	1-249-413-11	CARBON	470	5%	1/4W
R763	1-249-414-11	CARBON	560	5%	1/4W
R764	1-249-415-11	CARBON	680	5%	1/4W
R765	1-249-429-11	CARBON	10K	5%	1/4W
R766	1-249-427-11	CARBON	6.8K	5%	1/4W
R767	1-249-425-11	CARBON	4.7K	5%	1/4W
R768	1-249-417-11	CARBON	1K	5%	1/4W
R769	1-249-418-11	CARBON	1.2K	5%	1/4W
R772	1-249-420-11	CARBON	1.8K	5%	1/4W
R773	1-249-422-11	CARBON	2.7K	5%	1/4W
R775	1-249-431-11	CARBON	15K	5%	1/4W
R776	1-247-843-11	CARBON	3.3K	5%	1/4W
R777	1-249-407-11	CARBON	150	5%	1/4W
R778	1-249-407-11	CARBON	150	5%	1/4W
R782	1-249-407-11	CARBON	150	5%	1/4W
R784	1-249-407-11	CARBON	150	5%	1/4W
R785	1-249-407-11	CARBON	150	5%	1/4W
R786	1-249-407-11	CARBON	150	5%	1/4W
R787	1-249-407-11	CARBON	150	5%	1/4W
R789	1-249-407-11	CARBON	150	5%	1/4W
R790	1-249-407-11	CARBON	150	5%	1/4W
R791	1-249-407-11	CARBON	150	5%	1/4W
R792	1-249-407-11	CARBON	150	5%	1/4W
R793	1-249-407-11	CARBON	150	5%	1/4W
R794	1-249-417-11	CARBON	1K	5%	1/4W
R795	1-249-417-11	CARBON	1K	5%	1/4W
		< VARIABLE RESISTOR >			
RV750	1-225-739-11	RES, VAR CARBON 50K (MIC LEVEL)			
RV751	1-225-739-11	RES, VAR CARBON 50K (GUITAR LEVEL) (LX6/LX30/LX50)			
		< SWITCH >			
S605	1-762-875-21	SWITCH, KEYBOARD (PTY) (LX5)			
S606	1-762-875-21	SWITCH, KEYBOARD (TUNING MODE)			
S607	1-762-875-21	SWITCH, KEYBOARD (STEREO/MONO)			
S608	1-762-875-21	SWITCH, KEYBOARD (ENTER/NEXT)			
S609	1-762-875-21	SWITCH, KEYBOARD (TUNER/BAND)			
S610	1-762-875-21	SWITCH, KEYBOARD (TUNING +)			
S611	1-762-875-21	SWITCH, KEYBOARD (TUNING -)			
S613	1-762-875-21	SWITCH, KEYBOARD (TUNER MEMORY)			
S621	1-762-875-21	SWITCH, KEYBOARD (▼)			
S622	1-762-875-21	SWITCH, KEYBOARD (►)			
S623	1-762-875-21	SWITCH, KEYBOARD (▲)			
S624	1-762-875-21	SWITCH, KEYBOARD (◄)			
S626	1-762-875-21	SWITCH, KEYBOARD (GROOVE)			
S627	1-762-875-21	SWITCH, KEYBOARD (SUPER WOOFER)			
S628	1-762-875-21	SWITCH, KEYBOARD (SUPER WOOFER MODE)			
S633	1-762-875-21	SWITCH, KEYBOARD (ENTER)			
S634	1-762-875-21	SWITCH, KEYBOARD (GEQ CTRL)			
S636	1-762-875-21	SWITCH, KEYBOARD (EFFECT)			
S637	1-762-875-21	SWITCH, KEYBOARD (P FILE MEMORY)			

Ref. No.	Part No.	Description	Remark
S701	1-473-392-11	ENCODER, ROTARY (VOLUME)	
**********			
	1-676-268-11	SUB TRANS BOARD (LX5/LX30/LX50)	
		**********	
		< CAPACITOR >	
⚠C901	1-113-925-11	CERAMIC 0.01uF 20% 250V (LX5/LX30/LX50)	
		< CONNECTOR >	
CN901	1-564-321-00	PIN, CONNECTOR 2P (LX5/LX30/LX50)	
CN902	1-564-321-00	PIN, CONNECTOR 2P (LX30/LX50)	
* CN902	1-564-321-21	PIN, CONNECTOR 2P (LX5)	
		< DIODE >	
D901	8-719-991-33	DIODE 1SS133T-77 (LX5/LX30/LX50)	
		< RELAY >	
⚠RY901	1-755-276-11	RELAY, POWER (LX5/LX30/LX50)	
		< TRANSFORMER >	
⚠T901	1-433-619-11	TRANSFORMER, POWER (LX5)	
⚠T901	1-433-620-11	TRANSFORMER, POWER (LX30/LX50)	
**********			
*	1-659-058-13	TABLE SENSOR BOARD	
		**********	
		< IC >	
IC202	8-749-924-18	PHOTO INTERRUPTER RPI-1391	
		< RESISTOR >	
R207	1-249-416-11	CARBON 820 5% 1/4W	
**********			
	1-676-274-11	TC-A BOARD	
		**********	
		< DIODE >	
D631	8-719-058-03	LED SEL5423E-TP15 (◁)	
D632	8-719-058-03	LED SEL5423E-TP15 (▷)	
		< RESISTOR >	
R700	1-249-410-11	CARBON 270 5% 1/4W	
R701	1-249-411-11	CARBON 330 5% 1/4W	
R702	1-249-413-11	CARBON 470 5% 1/4W	
R703	1-249-414-11	CARBON 560 5% 1/4W	
R704	1-249-415-11	CARBON 680 5% 1/4W	
R705	1-249-417-11	CARBON 1K 5% 1/4W	
R706	1-249-418-11	CARBON 1.2K 5% 1/4W	
R707	1-247-804-11	CARBON 75 5% 1/4W	
R708	1-247-804-11	CARBON 75 5% 1/4W	
		< SWITCH >	
S641	1-762-875-21	SWITCH, KEYBOARD (◁)	
S642	1-762-875-21	SWITCH, KEYBOARD (▷)	
S643	1-762-875-21	SWITCH, KEYBOARD (■)	
S644	1-762-875-21	SWITCH, KEYBOARD (I◀◀ AMS ▶▶I ◀◀)	
S645	1-762-875-21	SWITCH, KEYBOARD (I◀◀ AMS ▶▶I ▶▶)	
S646	1-762-875-21	SWITCH, KEYBOARD (DOLBY NR)	
S647	1-762-875-21	SWITCH, KEYBOARD (DIRECTION)	
**********			
	1-676-275-11	TC-B BOARD	
		**********	
		< DIODE >	
D635	8-719-058-03	LED SEL5423E-TP15 (◁)	
D636	8-719-058-03	LED SEL5423E-TP15 (▷)	
D637	8-719-057-97	LED SEL5923A-TP15 (▮▮)	
D638	8-719-058-04	LED SEL5223S-TP15 (● REC)	
		< RESISTOR >	
R711	1-249-415-11	CARBON 680 5% 1/4W	
R712	1-249-417-11	CARBON 1K 5% 1/4W	
R713	1-249-418-11	CARBON 1.2K 5% 1/4W	
R714	1-249-414-11	CARBON 560 5% 1/4W	
R715	1-249-415-11	CARBON 680 5% 1/4W	
R716	1-249-417-11	CARBON 1K 5% 1/4W	
R717	1-249-418-11	CARBON 1.2K 5% 1/4W	
R718	1-249-420-11	CARBON 1.8K 5% 1/4W	
R719	1-249-422-11	CARBON 2.7K 5% 1/4W	
R720	1-247-804-11	CARBON 75 5% 1/4W	
R721	1-247-804-11	CARBON 75 5% 1/4W	
R722	1-247-807-31	CARBON 100 5% 1/4W	
R723	1-249-407-11	CARBON 150 5% 1/4W	
		< SWITCH >	
S651	1-762-875-21	SWITCH, KEYBOARD (▷)	
S652	1-762-875-21	SWITCH, KEYBOARD (◁)	
S653	1-762-875-21	SWITCH, KEYBOARD (■)	
S654	1-762-875-21	SWITCH, KEYBOARD (I◀◀ AMS ▶▶I ◀◀)	
S655	1-762-875-21	SWITCH, KEYBOARD (I◀◀ AMS ▶▶I ▶▶)	
S656	1-762-875-21	SWITCH, KEYBOARD (▮▮)	
S657	1-762-875-21	SWITCH, KEYBOARD (● REC)	
S658	1-762-875-21	SWITCH, KEYBOARD (H SPEED DUB)	
S659	1-762-875-21	SWITCH, KEYBOARD (CD SYNC)	
**********			
	1-676-267-11	TRANS BOARD	
		**********	
	1-533-233-21	HOLDER, FUSE	
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
		< CAPACITOR >	
C834	1-130-777-00	MYLAR 0.1uF 10% 100V	
C893	1-130-777-00	MYLAR 0.1uF 10% 100V	
C961	1-162-306-11	CERAMIC 0.01uF 30% 16V	
C963	1-162-306-11	CERAMIC 0.01uF 30% 16V	
		< CONNECTOR >	
CN905	1-564-321-00	PIN, CONNECTOR 2P (LX6)	
* CN951	1-564-214-11	PIN, CONNECTOR (B3PS-VH) 3P (LX6)	
* CN952	1-564-526-11	PLUG, CONNECTOR 11P (LX6)	
* CN952	1-564-524-11	PLUG, CONNECTOR 9P (LX5/LX30/LX50)	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

TRANS

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description				Remark
		< DIODE >				
D832	8-719-510-68	DIODE D5SBA204101				
		< FUSE >				
⚠F951	1-532-506-31	FUSE (T6.3AL/250V) (LX6: E, EA, MY, SP, AR)				
⚠F961	1-533-949-31	FUSE, CYLINDRICAL (TIME LUG) (8A/250V)				(LX6)
⚠F962	1-533-949-31	FUSE, CYLINDRICAL (TIME LUG) (8A/250V)				(LX6)
⚠F963	1-532-506-31	FUSE (T6.3AL/250V) (LX5/LX6)				
⚠F963	1-533-949-31	FUSE, GLASS CYLINDRICAL (DIA. 5)				(6.3A/125V) (LX30/LX50)
⚠F964	1-532-506-31	FUSE (T6.3AL/250V) (LX5/LX6)				
⚠F964	1-533-949-31	FUSE, GLASS CYLINDRICAL (DIA. 5)				(6.3A/125V) (LX30/LX50)
		< RESISTOR >				
⚠R951	1-219-122-91	FUSIBLE	0.33	5%	1/4W F	
⚠R952	1-219-122-91	FUSIBLE	0.33	5%	1/4W F	
⚠R953	1-219-119-81	FUSIBLE	0.1	5%	1/4W F	
⚠R954	1-219-119-81	FUSIBLE	0.1	5%	1/4W F	(LX6/LX30/LX50)
⚠R961	1-219-237-11	SOLID	3.3M	20%	1/2W	(LX30/LX50)
		< SWITCH >				
⚠S901	1-771-291-11	WITCH, POWER (VOLTAGE SELECTOR)				(LX6: E, EA, MY, SP, AR)
**********						
		MISCELLANEOUS				
		**********				
3	1-773-009-11	WIRE (FLAT TYPE) (15 CORE) (LX5) (15cm)				
3	1-769-977-11	WIRE (FLAT TYPE) (13 CORE)				(LX6/LX30/LX50) (15cm)
4	1-693-484-11	TUNER (FM/AM) (LX6: E)				
4	1-693-486-11	TUNER (FM/AM) (LX30/LX50)				
4	1-693-488-11	TUNER (FM/AM)				(LX6: EA, MY, SP, MX, AR, AUS)
4	1-693-490-11	TUNER (FM/AM) (LX5)				
6	1-535-706-21	PLUG, JUMPER (LX5/LX6: MX/LX30/LX50)				
72	1-773-056-11	WIRE (FLAT TYPE) (17 CORE)				
73	1-773-032-11	WIRE (FLAT TYPE) (15 CORE) (40cm)				
117	1-751-688-11	WIRE (FLAT TYPE) (13 CORE) (17cm)				
119	1-773-150-11	WIRE (FLAT TYPE) (21 CORE)				
151	1-790-287-11	WIRE (FLAT TYPE) (19 CORE)				
⚠159	1-696-847-11	CORD, POWER (AUS)				
⚠159	1-777-071-51	CORD, POWER (AEP, UK, CIS, EA, MY, SP)				
⚠159	1-783-820-11	CORD, POWER (US, CND)				
⚠159	1-783-941-11	CORD, POWER (AR)				
⚠159	1-791-901-11	CORD, POWER (E, MX)				
⚠160	1-569-007-11	ADAPTOR, CONVERSION 2P (E)				
⚠160	1-569-008-21	ADAPTOR, CONVERSION 2P (EA, MY, SP)				
⚠160	1-770-019-11	ADAPTOR, CONVERSION PLUG 3P (UK)				
507	1-452-925-21	MAGNET ASSY				
⚠601	8-820-020-02	OPTICAL PICK-UP KSS-213D/Q-NP				
602	1-769-069-11	WIRE (FLAT TYPE) (16 CORE)				
HP101	A-2056-683-B	DECK (A) ASSY, HEAD				
HRPE101	A-2056-684-B	DECK (B) ASSY, HEAD				
M1	A-2004-628-A	MOTOR ASSY, CAPSTAN				
M101	X-4917-523-3	MOTOR ASSY (SPINDLE)				
M102	X-4917-504-1	MOTOR ASSY (SLED)				
M201	A-4660-977-A	MOTOR ASSY (TABLE)				
M901	1-763-072-11	FAN, D.C.				
⚠T951	1-433-606-11	TRANSFORMER, POWER (LX6)				
⚠T951	1-435-242-11	TRANSFORMER, POWER (LX30/LX50)				
⚠T951	1-435-243-11	TRANSFORMER, POWER (LX5)				
**********						
		**********				
		HARDWARE LIST				
		**********				
#1	7-685-871-01	SCREW +BVTT 3X6 (S)				
#2	7-685-872-09	SCREW +BVTT 3X8 (S)				
#3	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S				
#4	7-685-650-79	SCREW +BVTP 3X16 TYPE2 IT-3				
#5	7-685-881-09	SCREW +BVTT 4X8 (S)				
#11	7-685-851-04	SCREW +BVTT 2X4 (S)				
#12	7-628-254-15	SCREW +PS 2.6X6				
#13	7-628-254-50	SCREW +PS 2.6X16				
**********						
		ACCESSORIES & PACKING MATERIALS				
		**********				
	1-475-572-41	COMMANDER, STANDARD (RM-SR5B)				
	1-501-374-11	ANTENNA, LOOP				
	1-501-659-41	ANTENNA (FM) (LX6/LX30/LX50)				
	1-501-804-11	ANTENNA (FM) (LX5)				
	4-227-074-11	MANUAL, INSTRUCTION (ENGLISH)				
	4-227-074-21	MANUAL, INSTRUCTION (FRENCH) (EA, CND)				
	4-227-074-31	MANUAL, INSTRUCTION (SPANISH) (AR, MX)				
	4-227-074-41	MANUAL, INSTRUCTION (FRENCH, SPANISH)				(AEP, E, MY, SP)
	4-227-074-51	MANUAL, INSTRUCTION (GERMAN, DUTCH,				SWEDISH) (AEP)
	4-227-074-61	MANUAL, INSTRUCTION				(ITALIAN, PORTUGUESE) (AEP)
	4-227-074-71	MANUAL, INSTRUCTION (POLISH, RUSSIAN)				(CIS)
	4-227-074-81	MANUAL, INSTRUCTION (ARABIC) (EA)				
	4-227-074-91	MANUAL, INSTRUCTION (CHINESE) (MY, SP)				
	4-227-075-11	MANUAL, INSTRUCTION (CZECH) (CIS)				
	4-227-075-21	MANUAL, INSTRUCTION (HUNGARIAN) (CIS)				
	4-227-075-31	MANUAL, INSTRUCTION (GREEK) (CIS)				
	4-227-075-41	MANUAL, INSTRUCTION (TURKISH) (CIS)				
	4-988-173-01	COVER, BATTERY (for RM-SR5B)				

Sony Corporation
Home Audio Division Company

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SS-LV60/LX5/LX6

SERVICE MANUAL

Photo: SS-LX6

AEP Model
UK Model
SS-LX5

E Model
Australian Model
SS-LV60/LX6

- SS-LV60/LX5/LX6 is the speaker system in LBT-LV60/LX5/LX6.

SPECIFICATIONS

Speaker System	
(SS-LV60/LX6)	3-way BUILT IN SW, magnetically shielded type
(SS-LX5)	3-way BUILT IN SW
Speaker units	
Super Woofer/Woofer:	17 cm dia, cone type
Tweeter:	2.5 cm dia, horn type
Rated impedance:	6 ohms
Dimensions(w/h/d)	Approx. 255 × 530 × 385 mm
Mass	Approx. 10 kg net per speaker
Supplied Accessories	Speaker cords (2) Cushion (foot) (8) Instruction manual

Design and specifications are subject to change without notice.

SERVICING NOTES

To remove the front panel assy, remove the horn tweeter part first then remove the front panel assy pull the bottom part of it forward.

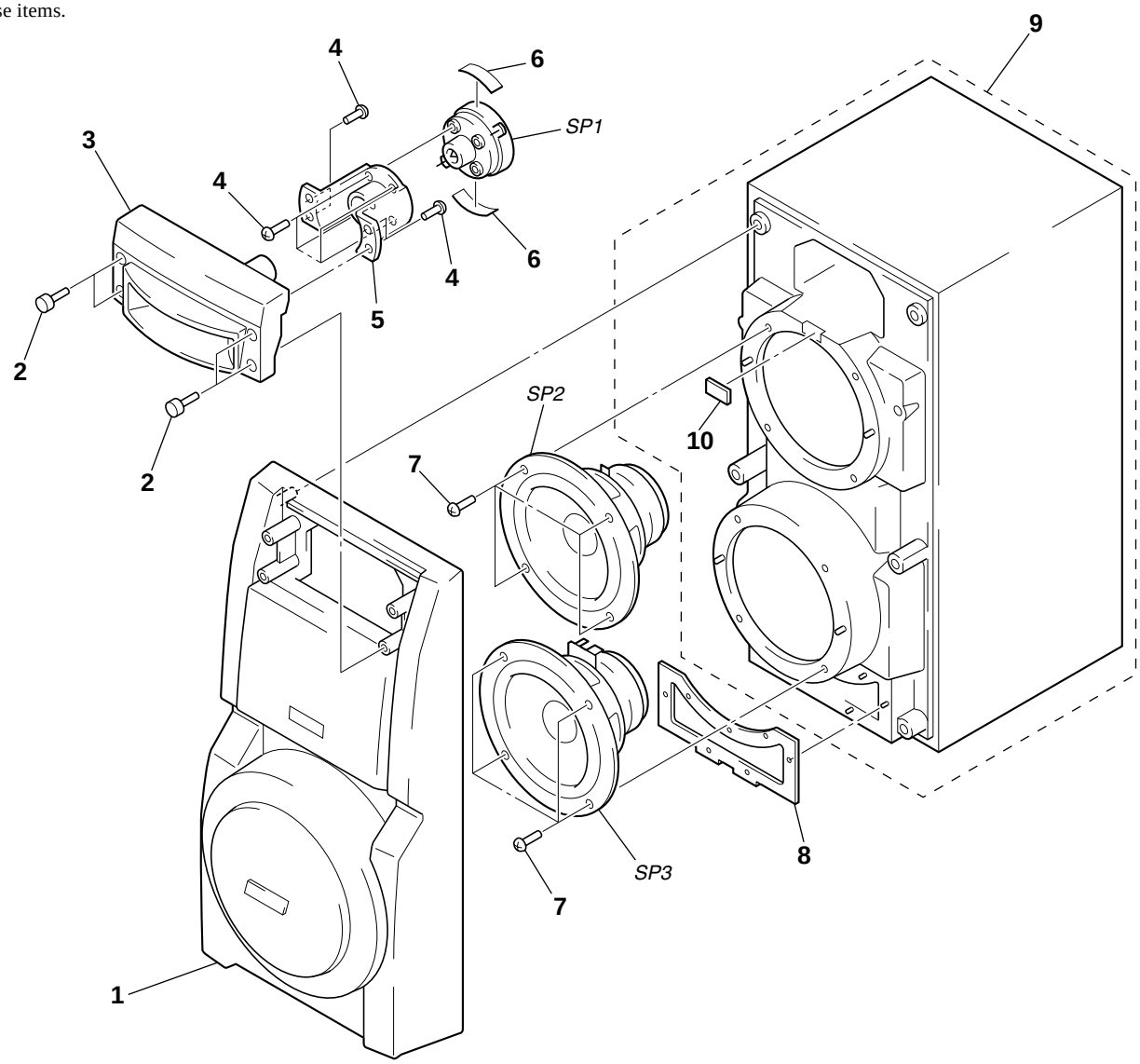
SPEAKER SYSTEM

SONY®

EXPLODED VIEW AND PARTS LIST

NOTE:

- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.



Ref. No.	Part No.	Description	Remark
1	X-4952-662-1	PANEL ASSY, FRONT	
2	4-999-101-01	SCREW, HEXAGON HOLE TAPPING	
3	4-226-576-01	HORN	
4	4-874-614-31	SCREW (4) (3.5X12), TAPPING	
5	4-227-036-01	BRACKET	
6	4-228-557-01	PACKING (TW)	
7	7-685-661-19	SCREW +BVTP 4X12 TYPE2 N-S	
8	4-226-966-01	PACKING, DUCT	
9	A-4412-010-A	CABINET ASSY, SPEAKER	
10	4-942-029-01	PACKING	
SP1	1-529-655-11	SPEAKER (2.5cm) (LV60/LX6)	
SP1	1-529-680-11	SPEAKER (2.5cm) (LX5)	
SP2	1-529-610-11	SPEAKER (16cm) (LV60/LX6)	
SP2	1-529-656-11	SPEAKER (16cm) (LX5)	
SP3	1-529-611-11	SPEAKER (16cm) (LV60/LX6)	
SP3	1-529-657-11	SPEAKER (16cm) (LX5)	

****

ACCESSORIES & PACKING MATERIALS

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	1-775-512-21	CORD, SPEAKER CONNECTION
	4-210-254-01	CUSHION (FOOT)
	4-228-574-11	MANUAL, INSTRUCTION (ENGLISH, FRENCH, GERMAN, SPANISH, DUTCH, SWEDISH, ITALIAN, PORTUGUESE, POLISH, RUSSIAN, DANISH, FINNISH, HUNGARIAN, GREEK, TURKISH) (AEP)

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